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Milligan College

MILLIGAN COLLEGE,
TENNESSEE

Catalog
1989-1990



MILLIGAN COLLEGE

Milligan College, Tennessee 37682

(615) 929-0116

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Milligan College holds membership in the following accrediting agencies and professional organizations:

American Association of Collegiate Registrars and Admissions Officers
 American Association of Colleges Teacher Education
 Appalachian College Consortium
 Christian College Coalition
 College Placement Council
 Council for Independent Colleges
 National Association of College and University Business Offices
 National Association of Independent Colleges and Universities
 National Association of Intercollegiate Athletics
 National Council for the Accreditation of Teacher Education
 Southern Association of Colleges and Schools
 Tennessee Independent Colleges Fund
 Tennessee Intercollegiate Athletic Conference



NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866 Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire, Pardee Hall was built as a dormitory for men, Cheek Activity Building was constructed for recreational purposes, and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished. New patrons were sought for the College, the curriculum was expanded and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently



disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and man.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been coeducational from the beginning of its history.

This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

Mission Statement

Milligan College provides opportunities for education in Bible, arts, and sciences which are shaped by a Christian world view in order to (1) create an

environment dedicated to intellectual, spiritual, social, and physical development, (2) lead to selected professional and career possibilities, and (3) establish a community of inquiry, responsibility, and caring. Programs lead to associate, undergraduate, or graduate degrees, as well as provide for personal enrichment; they prepare men and women to participate in the necessary endeavors which will result in the accomplishment of the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if and when necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition.



All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

An appliance fee of \$15.00 per semester will be charged for use of each high energy use appliance, such as refrigerators, microwaves, and air conditioners.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These are two-bedroom units. They are totally electric, including heating and air-conditioning. All of the apartments are equipped with kitchen appliances and carpeting. The units are unfurnished. Additional information may be obtained by contacting the manager of the apartments through the Dean of Students' office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the college name or involve the absence of the participants from the College must receive the official sanction of the college administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action: suspension or expulsion.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.

5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities are attended by the faculty sponsor of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since the faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accident or illness. When necessary, referral is made to local

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in intercollegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives.



The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewald, Dr. Keith Schoville, Dr. Joseph M. Webb, and Dr. Harold Hazelip.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the desired organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical professions. Physicians and specialists in the medical and allied professions are invited to club meetings to discuss topics related to their work.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who are not majoring or minoring in science, but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and office administration majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meeting on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to those on campus who need to borrow money.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building



Seeger Chapel

CAMPUS BUILDINGS



*Marguerite Fierbaugh Lawson
Science Center*



P.H. Welshimer Library



Steve Lacy Fieldhouse



John E. McMahan Student Center



Lowell W. Paxson Communications Center



Little Hartland



Derthick Hall

was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms and theatre located in this structure are the offices of the Academic Dearr, the Dean of Students, the Registrar, and the Director of Financial Aid.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and several faculty offices. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this center. Other offices in the building are those of the Director of Alumni Affairs, the Director of Church Relations, the Director of Admissions and the Assistant Director of Public Relations.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. Offices of the President and the Vice-President for Institutional Advancement are located on the second floor. This building also contains a computer lab and the law library.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire — 192 feet above ground level — overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

The Marguerite Fierbaugh Lawson Science Center was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms. In April of 1982 the building was named in honor of Mrs. Joseph Lawson of Bristol, Tennessee.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Turst and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began

in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center, an art classroom, and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The McMahan Student Center built in 1987 is a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals.

The Lowell W. Paxson Communications Center is located on the site of the former Student Union Building. It contains classrooms, editing rooms, a darkroom, and well equipped studios for both radio and TV productions. It was dedicated April 20, 1989 and was made possible through a gift from the Lowell W. Paxson Foundation.



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$20.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 scale are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program, (AP), the College Level Examination Program (CLEP), DANTES and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may after one semester reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissals with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Special Students

Special students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If the student satisfies the entrance requirements in full within two years from the time of admission, he or she may then become a candidate for a degree. Special student status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During

that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.

3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credit earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-quota foreign students. Foreign students must present a TOEFL score of 550 and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book which they sign and officially become members of the Milligan Community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)				\$2,839.00
Room Charges:	Dorm	Single	Double	
	Hardin	\$593.00	\$468.00	
	Hart	\$613.00	\$488.00	
	Pardee	\$593.00	\$468.00	
	Sutton	\$613.00	\$488.00	
	Webb	\$613.00	\$488.00	
Board				\$815.00
Student Activity Fee				\$32.00
Tuition for each academic hour over 17				\$167.00
A special schedule determines tuition for 1 to 11 hours.				
A special schedule determines tuition for Evening College and Summer School.				

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees—Fees are subject to change without notice.**Materials for special courses:**

Education 315, 316, 412, 472.....	\$ 5.00
Education 434, 443.....	10.00
Science Laboratory Fee	20.00
Education 153.....	10.00
Psychology 259.....	10.00
Secretarial Procedures	10.00
Language Lab Fee.....	10.00
Typing.....	10.00
Music 365, 367-8.....	5.00
Studio Art Fee	10.00
Art 311	5.00
Voice Class	20.00
Sheet Music Deposit	15.00
Directed Teaching Fee	30.00
Reading Lab	5.00
Computer 100, 104, 211, 212, 213, 215, 275, 280, 322, 341, 343, 411, 431, 495	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00

Tuition Charges in Applied Music

One semester hour	\$50.00
Two semester hours	\$65.00

Practice Fee:

Organ	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of \$20.00 is required with the application for admission to the College. This fee is not refunded. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee, each student, whether commuting or in the dormitory, will be expected to pay a \$50.00 prepayment on account, which will reserve a place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE MAY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee	\$25.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	8.00

Late registration fee per day	5.00
Appliance fee in residence hall (per semester)	15.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions will be made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

I. Academic Management Services Budget Payment Plan

This plan allows for payment of college fees in ten convenient monthly payments commencing June 15. The cost of this plan is \$45.00 which includes Life Benefit Coverage. There are no other fees or interest charges. Information concerning this plan will be forwarded upon request.

II. Three Payment Plan

A down payment of one-half of the tuition, room and board (after deducting scholarships, grants, and financial aid), plus other class fees is to be paid by registration day. The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

All accounts will be charged 1% interest on the unpaid balance each month.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have financial aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$200.00 per semester.

Board

The cost of Board is \$815.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This price is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, there will be a 100% refund of tuition, room rent, and fees for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, will receive a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester will receive a 75% refund of tuition and room rent. There will be no refund of

fees. A student withdrawing between the fifteenth and thirtieth days of the semester will receive a 50% refund of tuition and room. There will be no refund of fees. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

There will be no refund of tuition and room rent after the thirtieth day. In all cases a student will be charged only a pro rata share of board based on the number of days enrolled. This policy will be applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures will result in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar day of the term. This policy will be applied proportionately to courses of shorter duration than a full semester.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered and if financial need is demonstrated, Milligan will attempt to meet a portion of that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, a Milligan Work/Study Application, and an application for Federal Student Aid on any of the following applications: Family Financial Statement (FFS) from the American College Testing, Financial Aid Form (FAF) from the College Scholarship Service, Application for Federal Student Aid (AFSA) from the U.S. Department of Education, Pennsylvania Higher Education Assistance Agency (PHEAA) or the Illinois State Scholarship Commission (ISSC). Only one of the above applications is necessary. The Milligan applications can be obtained from the Financial Aid Office at Milligan, and the applications for Federal Student Aid can be obtained from Milligan or a high school counselor.

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

Pell Grant

Supplemental Educational Opportunity Grant

State Student Incentive Grant—for residents of Tennessee, Pennsylvania and Vermont.

Campus Employment

Various campus jobs are available to students. The wages vary, but students work an average of ten hours per week. Milligan offers the following work programs:

College Work/Study Program

Milligan College Work Program

Loans

Several low-interest, government-subsidized loans are available. Most are not to be repaid until the student completes school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan

Stafford Student Loan

Tennessee Teacher Loan/Scholarship—Tennessee residents only.

Parents Loan for Undergraduate Students (PLUS)

Supplemental Loans for Independent Undergraduate Students (SLS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		ACT	Amount	GPA Needed to
Men	Women	Score	of Award	Retain Award
1475 and up	1461 and up	34-36	Basic Tuition	3.5
1393-1474	1378-1460	32-33	75% of Tuition	3.3
1269-1392	1253-1377	29-31	50% of Tuition	3.1
1186-1268	1170-1252	27-28	25% of Tuition	2.8
1104-1185	1087-1169	25-26	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation and an essay on an assigned topic. A minimum ACT of 18 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. A GPA of 2.5 is required to retain the award for all four years.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$2,000 for a two year period are available to students who graduate from a high school within the counties listed. An ACT of 16, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years a 2.0 GPA is required.

Upper Division Area Scholarships are given to upperclassmen in each academic area. Awards are based on the student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Women's Volleyball, Women's Softball, Women's Basketball, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Lula Kildy Scholarships are awarded to students who have academic potential and financial need.

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Mr. and Mrs. W.B. Stump Scholarships are awarded to students with academic promise and financial need.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the F.L. Broyles Memorial Scholarships, the Sylvester Hughes Memorial Scholarships, and the Donald Galley Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an ACT of 20 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Harold W. Scott Memorial Scholarship and the Dessie Maddux Memorial Scholarships are awarded to outstanding ministerial students who demonstrate financial need.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding business major who demonstrates financial need.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 31, 32, 34, or 35, Title 38 United States Code.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Business Office of Milligan College.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration,

Chemistry, Communications, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant Studies, Mathematics, and Organizational Management. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours in psychology

Health & Physical Education 101 and one additional hour of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Theatre 101 or an acceptable substitute

Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Students are required to take a test covering general knowledge during their sophomore year.

Graduating seniors are required to take a test covering their knowledge in their major field of study.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science degree requires 65 semester hours and is conferred in the field of Office Administration. A student seeking the A.S. degree must complete not fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into College, provided these requirements are met within six years; otherwise they will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. If a student has more than four unexcused absences, eligibility to return to Milligan for the next semester will be forfeited.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, courses are offered during the evening. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Academic Dean. In addition a degree completion program is described on page 74.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of the junior year a student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Communications, Computer Science, Elementary Education, English, Family Ministry, Health Care Administration, Health and Physical Education, History, Human Relations (includes Psychology, Sociology, Social Agencies, and Youth Leadership), Humanities, Legal Assistant Studies, Mathematics, Missions, Music, Organizational

Management, and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, English, French, German, Health and Physical Education, History, Human Relations (Psychology, Sociology, Social Agencies, and Youth Leadership), Mathematics, Music, Music & Theatre Arts, Office Administration, Philosophy, Physical Science, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A = 4.0 quality points	D+ = 1.3 quality points
A- = 3.7 quality points	D = 1.0 quality points
B+ = 3.3 quality points	D- = .7 quality points
B = 3.0 quality points	F = 0.0 quality points
B- = 2.7 quality points	S = Satisfactory—not computed in grade point average.
C+ = 2.3 quality points	U = Unsatisfactory—no quality points.
C = 2.0 quality points	W = Withdrawn.
C- = 1.7 quality points	

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be evaluated over the basic skills of reading, writing, and mathematics. Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency (see *Learning Skills*).

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see *Education Area*).

The College Level Examination Program and DANTES are available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

The Miller Analogies Test is available upon request for those entering graduate studies.

Other testing services (i.e., occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved by the Registrar prior to enrollment. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's First List is composed of students whose semester grade point averages were 3.75 to 4.00. A student must have had a 3.5 to 3.749 to be placed on the Dean's Second List.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see page 20).

Milligan College is seriously concerned that every student who enters the College make progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extracurricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; and rising juniors and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman; sophomore, 26 hours; junior, 58 hours; senior, 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean, the student is expected to meet all obligations involving instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Students who leave the College without fulfilling these obligations will receive "F's" in all courses in which they are enrolled and will forfeit any returnable fees which may have been paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (except Bible 123, 124; Humanities 101, 102, 201, or 202) anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W." Classes dropped after mid-term will be evaluated with the grade of "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

Completion of six semesters or ninety hours in residence in Milligan College.

Fulfillment of all general education requirements and completion of a minor.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Great Lakes Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three-year program at Milligan may receive the baccalaureate degree from Milligan and the engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a cooperative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four-year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College will include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean or the nursing adviser.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina, and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee

licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five-year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year, a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department at East Tennessee State University. Students who elect this program will complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, the University awards the degree.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

360. The Presidency—See Political Science 360.

361. Domestic Politics—See Political Science 361.

370. International Affairs—See Political Science 370.

ECONOMICS

360. The U.S. Economy—See Economics 360.

FIELD WORK

491. Field Work—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level. Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Professional Learning, the Area of Scientific Learning, and the Area of Social Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries	Missions
Religion	Bible
Religious Education	
Family Ministry	

Area of Professional Learning

	Education
Economics	Business Administration
Office Administration	Accounting
	Health & Physical Education
Computer Science	Legal Assistant
	Organizational Management

Area of Humane Learning

Music	Art	English
French	Greek	Spanish
	German	Hebrew
Humanities	Speech & Theatre Arts	Philosophy
	Communications	

Area of Scientific Learning

	Biology
Physics	Chemistry
	Mathematics

Area of Social Learning

	History
Psychology	Sociology
Human Relations	Geography
	Political Science

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in mathematics, writing, and reading give students the opportunity to become more proficient in these areas. For those students whose tests show a significant need, the appropriate labs become graduation requirements. The labs are open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

Learning Skills 090 Mathematics—see Mathematics 090.

Learning Skills 091 Reading—see Humanities 091.

Learning Skills 093 Writing—see Humanities 093.

These hours do not count toward the 128 hours required for a degree.



Area of Biblical Learning



Dr. Henry E. Webb, Chairman

BIBLE

The Bible, the written revelation of God to mankind, is central to the curriculum in Milligan College. The Bible is not only a treasury of the world's literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the biblical courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 250 for two hours, 273, 276 or an acceptable Christian Ministries option that augments the student's vocational objectives, and 491 for two hours.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.

202. **The First Century Church (Acts)**—An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
321. **Prison Epistles**—An exegetical study of Philipians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**—An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**—A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. **Apocalyptic Literature**—A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.
- 351-352. **The Pentateuch**—A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
411. **Corinthian Correspondence**—A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.
412. **Romans and Galatians**—A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.
422. **Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
452. **General Epistles**—A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.
471. **Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

- 490. Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.

CHURCH HISTORY

341-342. Church History—See History 341-342.

431-432. Reformation of the Nineteenth Century—See History 431-432.

CHRISTIAN MINISTRIES

The program in Christian Ministries seeks to prepare people for service in specialized areas of Christian leadership. Preparing for service in churches is a primary focus, so most courses include involvement with a congregation. This program serves as adequate preparation for entry level service in Youth Ministry, Christian Education, and a wide variety of other options as well as graduate or seminary studies. Every major in the area of biblical studies is designed to include some of these courses so that the theoretical may become practical and every Christian will be encouraged to serve in the Church.

The Christian Education major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 304, 308, and 491 for two hours.

The Youth Ministry major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 318, 321, and 491 for two hours.

The minor in Christian Education includes three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either 304 or 308.

The minor in Youth Ministry requires three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either 318 or 321.

The Christian Ministry minor requires three hours of Old Testament electives, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

- 217. Introduction to Youth Ministry**—A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This includes some practical experience and is intended both for those planning a career in youth ministry and those preparing for better church service. Three semester hours.
- 250. Practical Ministries Colloquium**—A six-semester cycle of seminar-based discussions and field trips focusing on practical aspects of ministry. Consideration is given to the general areas of worship, pastoral care, ethics, administration, missions/evangelism, and sacramental theology. Open to anyone interested in ministry. One-half hour per semester.
- 261. Introduction to Christian Education**—A survey course introducing the student to the total program of Christian education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.
- 270. Introduction to Christian Missions**—A study of the biblical and theological basis for missions, pointing out the implications of

ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.

271. **History of Christian Missions**—A survey of the history and progress of missions since the beginning of Christianity. Three semester hours.
273. **Introduction to Ministry**—A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.
276. **Homiletics**—A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.
304. **Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expressional groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
318. **Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
321. **Leadership Development Seminar**—An interdisciplinary course in Bible and Social Learning. It is mandatory for the Youth Ministry major and is designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
375. **Narrative and Story-Telling**—The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observation. Three semester hours.
415. **Studies in Contemporary Evangelism**—A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.
460. **Family Ministry**—An exploration of the relationship between the church and the family with the aim of developing an approach to enhancing the relationship between those two institutions. Topics include the practical theology of family ministry, an overview of certain relevant Christological themes, a consideration of the nature of the Christian community, a consideration of the relationship between the family and the church, and specific suggestions with regard to developing a family ministry program for the local congregation. Four semester hours.

491. **Practicum in Ministry**—Involvement in ministry either in a local congregation or a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Bible Area Chairman. One to three semester hours. **Note:** This requirement is normally met during a term of not less than eight weeks during the summer following the junior year at a location other than the student's home.

RELIGION

350. **Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
351. **Philosophy of Religion**—See Philosophy 351.
421. **Sociology of Religion**—See Sociology 421.
450. **Psychology of Religion**—See Psychology 450.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in Family Ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or Sociology 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree.

The following curriculum is required:

Old Testament	6 hours
New Testament	6 hours
History 341, 342, 431	8 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Christian Ministries 250	2 hours
Christian Ministries 460	4 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours
Sociology 321 or Sociology 412	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 491	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is purposely rooted in the area of biblical learning since an understanding of the universe and one's own place in it is predicated upon an understanding of God's purposes for mankind as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 491) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The missions major is available only as a Bachelor of Arts degree.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	4 hours
Christian Ministries 250 Practical Ministries Colloquium	2 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 491 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives—The following courses are recommended.

Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	



Area of Humane Learning



Dr. William C. Gwaltney, Jr., Chairman

Human achievement in the arts of thought and expression is one of the major studies in a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, theatre arts, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of communications, English, music, and humanities. A minor may be taken in art, communications, French, German, English, Spanish, philosophy, music, and theatre arts.

ART

The art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other courses listed below.

- 203. **Visual Composition**—Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. (Students needing two hours of credit in fundamentals of art for teaching certification may register for two hours. They finish the course in approximately two-thirds of the semester.) Two or three semester hours.
- 237. **Basic Photography**—An introduction to the 35 mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.
- 250. **Drawing Studio**—A class for the beginning and the experienced student. Students cover perspective solving, still life, the human figure, the human skeleton, landscape, portraiture, and a study of the masters. Offered alternate years. Three semester hours.
- 290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. Offered in intersession and summer. One to three semester hours.

- 311. Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.
- 337. Photojournalism**—An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Offered alternate years. Three semester hours.
- 340. Graphic Design**—A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Offered alternate years. Three semester hours.
- 350. Painting Studio**—Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the individual master the painting medium through working in still life and landscape and through copying the masters. Prerequisite: Art 203 or 250. Offered alternate years. Three semester hours.
- 375. Studio Workshop**—An open studio course especially designed for those students interested in pursuing an art project. One to three semester hours.
- 490. Independent Study**—Independent work for junior or senior art minors in an area of the student's interest. The student's program is under the supervision of the art professor. This course is offered primarily in intersessions and summer terms. One to six semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. Offered alternate years. One to three semester hours.

COMMUNICATIONS

The major in communications prepares students for careers in the varied fields of oral and print communication. Each course and speciality within the major seek to help students understand and analyze all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen careers as professional communicators.

The major in communications may be a B.A. program which will require completion of a foreign language through the intermediate level. The student may elect the B.S. degree which will require Mathematics 213 and Computer Science 100 and 275.

In addition to the twenty-one hours of core courses, a student must also complete twelve hours in one of the following specialties: Public Relations/Advertising, Broadcasting/Aural-Visual, Journalism, or Organizational Communications.

The minor in communications requires Communications 101, 201, 203, 205, and six hours of electives.

Required Core Courses

Communications 101	Communications 203
Communications 201	Communications 205
Communications 491	
plus	
two of the following	
Communications 301	Business Administration 361
Communications 303	Business Administration 421

SPECIALTIES

Public Relations/ Advertising	Broadcasting/ Aural-Visual	Journalism	Organizational Communications
Com. 311	Com. 323	Com. 331	Com. 341
Com. 315	Com. 325	Com. 335	Com. 345
Com. 411	Com. 421	Com. 337	Com. 441
Com. 415	Com. 425	Com. 431	Com. 445

101. **Introduction to Mass Communications**—A survey of the history, structure, and processes of the American media system, including newspapers, magazines, radio, and television. The course also includes an introduction to newer forms of mass media, including a look into the future of such things as satellite, cable, and laser technologies and how they impact the media system. Three semester hours.
201. **Principles of Interpersonal Communication**—An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.
203. **Introduction to Visual Communication**—A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.
205. **Writing for Public Media**—An introduction to and practice in writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of newswriting itself. Three semester hours.
301. **History and Philosophy of American Media**—An in-depth examination of the origins and development of the American media system and its place in the overall economic and political system. Special attention is given to the ways in which competing philosophies have shaped the contemporary media. Three semester hours.
303. **Law of Mass Communication**—A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel, journalist privilege, and obscenity law. Three semester hours.
311. **Public Relations Practices**—An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public

relations within the media system as well as in the American social and political economy. Three semester hours.

315. **Media Advertising and Sales**—An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements will be evaluated and critiqued and the process by which advertising is developed and presented will be included. Three semester hours.
323. **Fundamentals of Production**—An introduction to the process of producing programs for use in audio-visual media, whether for "limited" in-house use or for broadcasting. Practice is given in every step of the production process, from idea conception and program development, through script writing and taping. Three semester hours.
325. **Writing for Aural-Visual Media**—An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite: Communications 205. Three semester hours.
331. **News Gathering and Reporting**—An introduction to the process of gathering and writing news which can be applied to either print or broadcast news. Attention is given to the differences involved in news handling of the two media types. Intensive practice is given in writing news for print and broadcast. Prerequisite: Communications 205. Three semester hours.
335. **News Editing and Newspaper Production**—A study of the fundamentals of editing combined with the processing of edited materials through their production into print. Included are the newer forms of technology and how they affect the newspaper editing and production functions. Three semester hours.
337. **Photojournalism**—An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisite: Communications 203 and Art 237. Three semester hours.
341. **Principles of Organizational Communication**—An overview of organizational communication and the role that it plays in the American system. Attention is given to the nature of leadership, to organizational structure in business and industry, and to the processes by which complex tasks are carried out. Three semester hours.
345. **Dynamics of Group Communication**—The study of how groups and collectivities of people organize and maintain themselves. The course includes a study of theories in group dynamics as well as an examination of why groups sometimes fail. Three semester hours.
411. **Public Relations/Advertising Campaigns**—An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisite: Communication 311 and 315. Three semester hours.
415. **Public Relations/Advertising Research**—A survey of major forms of research and audience-information gathering on which media sales

and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as practice in audience surveying. Prerequisite: Communications 311 and 315. Three semester hours.

421. **Advanced Production**—Supervised practice in the production of programs for broadcast or use in aural-visual settings. Production is planned and carried out for group work within the context of the course. Prerequisite: Communications 323. Three semester hours.
425. **Seminar in Broadcasting**—An advanced study of the role and future of broadcasting or aural-visual media in American society. Particular attention is given to the changing nature of the industry and to its occupational requirements. Prerequisites: two courses in Broadcasting Specialty. Three semester hours.
431. **Advanced Reporting and Writing**—Practice given in specialty forms of print journalism, including feature writing and public affairs reporting. Prerequisite: Communications 331. Three semester hours.
441. **Leadership**—The study of various styles of leadership in organizational structures. Types of leaders are evaluated in terms of various kinds of organizations—voluntary, public, and private. Role playing is utilized to simulate organizational problems that call for leadership. Three semester hours.
445. **Advanced Organizational Theory**—A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
491. **Field Work**—A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level theatre arts courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
355. **Adolescent Literature**—A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Offered alternate years. Three semester hours.
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of medieval English literature from *Beowulf* to *Morte d'Arthur* along with two background documents from Plato and Boethius. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Offered alternate years. Three semester hours.

- 434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
- 435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
- 460. **Renaissance Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
- 461. **Renaissance Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
- 489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 35).

FRENCH

The minor in French will consist of eighteen semester hours beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.
- 489. Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of eighteen semester hours beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a

thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

489. Directed Readings—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies—A program of readings and conferences which provides for individualized study. One to three semester hours.

GREEK

111-112. Elementary Greek—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.

221-222. Intermediate Greek—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

331-332. Advanced Greek Readings—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

111-112. Modern Hebrew—Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Hebrew—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish will consist of eighteen semester hours beyond the level of Spanish 111-112.

111-112. Elementary Spanish—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a pre vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

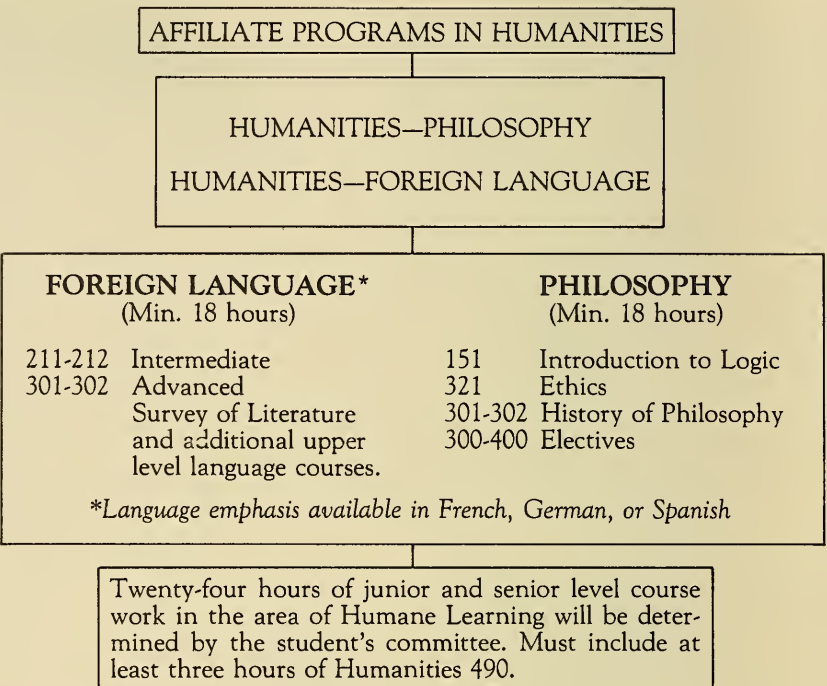
Each student majoring in humanities works with an advisory committee selected from the humanities staff to design a program to meet the needs and desires of the individual student.

Students majoring in humanities are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

- 091. Reading Laboratory**—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. Two semester hours.
- 093. Writing Laboratory**—A course providing extra instruction for freshmen students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.

100. **Introduction to Humanities**—An introductory study of literature and history using an integrated approach to the subject matter. Special attention is given to improving the basic skills needed to master content material in the study of humanities. May be required of some students as a prerequisite to Humanities 101. Three semester hours.
 - 101-102. **Humanities**—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
 200. **Humanities European Study Tour**—A study of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
 - 201-202. **Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.
- Note:** Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
 490. **Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.
 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.





AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in one of two areas: philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for a primary area of concentration and must complete applied Level VIII requirements and present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled

in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 451, 452, and Education 230, 317, 404, 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

Hearings for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration will be required to take voice class but will not be required to pass a voice proficiency.

PIANO

101. **Piano (as an elective)**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 102, 103-202, 203. **Piano (as a secondary concentration for music majors and minors)**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 104, 105-304, 305. **Piano (as a principal concentration for music minors)**—Preparation toward attainment of Level VI and completion of proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

- 106, 107-406, 407. **Piano (as a principal concentration for music majors)**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
208. **Piano Proficiency (for music majors)**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
308. **Piano Proficiency (for music minors)**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
309. **Piano Recital - (junior level)**—One half-hour performance. No credit.
409. **Piano Recital - (senior level)**—One hour performance. No credit.

VOICE

110. **Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
111. **Voice (as an elective)**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 112, 113-212, 213. **Voice (as a secondary concentration for music majors and minors)**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 114, 115-314, 315. **Voice (as a principal concentration for music minors)**—Preparation toward attainment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 116, 117-416, 417. **Voice (as a principal concentration for music majors)**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
218. **Voice Proficiency (for music majors)**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
318. **Voice Proficiency (for music minors)**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

319. Voice Recital - (junior level)—One half-hour performance. No credit.

419. Voice Recital - (senior level)—One hour performance. No credit.

ORGAN

121. Organ (as an elective)—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.

122, 123-222, 223. Organ (as a secondary concentration for music majors and minors)—Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

124, 125-324, 325. Organ (as a principal concentration for music minors)—Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

126, 127-426, 427. Organ (as a principal concentration for music majors)—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.

228. Organ Proficiency (for music majors)—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.

328. Organ Proficiency (for music minors)—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

329. Organ Recital - (junior level)—One half-hour performance. No credit.

429. Organ Recital - (senior level)—One hour performance. No credit.

INSTRUMENTAL

Instrumental Instruction. Individual instruction in orchestral instruments is available through ETSU (see page 35).

THEORY

041. Music Theory Fundamentals—A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.

143-144. Basic Music Theory—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. Basic Ear Training—A freshman course covering identification, sightsinging, and dictation. One semester hour each semester.

243-244. Advanced Music Theory—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

- 245-246. Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
- 347. Form and Analysis**—A study of major forms of music. Two semester hours.
- 348. Orchestration and Arranging**—A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

METHODS AND SEMINARS

- 351. Music in the Elementary School**—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 451. Methods and Materials for Elementary Music**—A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.
- 456. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.

CONDUCTING AND HISTORY

- 161. Congregational Song Leading**—Practical experience in learning how to direct effective congregational singing through discussion, reading, practice, and performance. Designed for non-music majors. One semester hour.
- 363. Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 143 and 145. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 365. Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 367-368. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 369. Hymnology**—A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

181. **Milligan Men**—An ensemble of selected voices studying representative literature. One semester hour.
182. **Women's Ensemble**—An ensemble of selected voices studying representative literature. One semester hour.
183. **Handbells**—An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.
184. **Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.
185. **Symphonic Wind Ensemble**—An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.
186. **Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.
187. **Madrigal Productions**—A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. Fall semester only. One-half semester hour.
189. **Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

COMPREHENSIVE EVALUATIONS

199. **Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.
299. **Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.
491. **Practicum in Church Music**—Applied music experience in an approved church music program. Two to six semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the names and basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

301. **History of Philosophy (Ancient)**—A study of philosophy from the Greeks through Augustine. Three semester hours.

- 302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
- 350. **Comparative Religions**—See Religion 350.
- 351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
- 489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THEATRE ARTS

The theatre arts minor consists of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.

- 101. **Fundamentals of Oral Presentation**—A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
- 141. **Fundamentals of Voice/Stage Movement**—A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCog-based mask work and introduction to stage dialects and stage combat. Three semester hours.
- 151. **Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.
- 340. **Fundamentals of Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.

341. **Fundamentals of Acting**—A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
342. **Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
470. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory for the beginning dramatist. Prerequisite: Six hours in Theatre Arts. One to three semester hours.
491. **Theatre Workshop**—An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. Open to juniors and seniors only. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



*A scene from the Milligan production of **Our Town***

Area of Professional Learning

Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen



The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, education, and the legal assistant studies are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (controllership), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.



The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311, or 415, and nine semester hours of accounting electives at the junior and senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level.

211-212. Introductory Accounting—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting—A study of the use of accounting information for managerial decisions with emphasis on the role of the controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312. Auditing—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.

315. Not-For-Profit Accounting—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

411-412. Income Tax Accounting—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the

student planning to go into public accounting, it also has substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree is offered with a choice of emphasis which will allow the student to complete a strong core curriculum in business, accounting, and economics and to have one of six specialties allowing for in-depth study in a specific field. A grade point average of 2.25 is required in the major.

REQUIRED CORE COURSES (24)

Economics 201-202
Accounting 211-212
Economics 301

Business Administration 315
Business Administration 361
Computer Science 280

EMPHASIS

General (9)

Any nine
hours of
Economics,
Business, or
Accounting

Marketing (9)

Bus. Adm. 304
Bus. Adm. 316
Bus. Adm. 363

Management (9)

Bus. Adm. 362
Bus. Adm. 375
Bus. Adm. 445

Economics (9)

Economics 304
Economics 403
Economics 451

Accounting (9)

Acct. 301-302
Acct. 311

Office Administration (11)

Office Adm. 351-352
Office Adm. 470-472

The business administration and economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 280, and six hours of business, accounting, or economics electives at the junior and senior level.

BUSINESS ADMINISTRATION

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 316. Marketing Communications**—A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
- 331. Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching career objectives. Not applicable for any major or minor. One semester hour.
- 332. Management Information Systems (MIS)**—A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 212. Offered alternate years. Three semester hours.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 363. Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: 201-202 or permission of the instructor. Three semester hours.
- 375. Small Business Management**—A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run

their own small businesses is an integral part of the course. Three semester hours.

- 421. **Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
- 445. **Advanced Organizational Theory**—A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
- 491. **Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. **Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. **Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
- 304. **Government and Business**—See Political Science 304.
- 360. **The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
- 403. **Money and Banking**—A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. **Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism as they have developed

in the countries whose economies they now characterize. Prerequisite: Economics 201-202. Three semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The computer science program at Milligan is designed to teach the relationship of the computer to the contemporary world. It is composed of courses in computer science, courses in computer applications science, and courses in the development of interpersonal skills.

Courses required for a major in computer science are Computer Science 211, 212, 215, 341, 343, 411, 431, and three hours of electives in computer science above the 100 level; Business Administration 421; Economics 201, 202; Math 213 (Economics 201 and 202 and Math 213 will meet the general core requirements).

The minor in computer science consists of Computer Science 211, 213, 280, 341, 411, and three hours of electives in computer science; Business Administration 421; and Math 213 (Math 213 will meet the general core requirement). A proficiency test is available for Computer Science 100 and 104 for those students who already have knowledge in these areas.

100. **Computer Applications**—An overview of the computer as it can be used in our everyday lives. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a computer science major or minor. One semester hour.
104. **Basic Programming**—An introduction to programming in BASIC with applications in business, science, social sciences, and education. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.
211. **Programming I**—An introduction to all aspects of programming and the problem-solving process. A structured high-level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. Four semester hours.
212. **Advanced Programming and Data Structures**—A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, graphics, and data structures. Topics will include lists, stacks, queues, linear structures, and trees. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Four semester hours.
213. **COBOL**—A study of programming techniques appropriate to the preparations of business oriented computer systems using the COBOL programming language. The study covers program design standards and program modularity as well as debugging and testing techniques.

- Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
215. **Introduction to Computer Systems**—An introduction to computer architecture and assembler language, including basic instructions, subroutines, control structures, data manipulations, input/output, program design, and block data operations. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 212. Four semester hours.
 275. **Word/Information Processing**—A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also involves "hands-on" experience with a popular word processing package. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
 280. **Special Topics**—A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Three semester hours.
 322. **Survey of Programming Languages**—A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 212. Three semester hours.
 332. **Management Information Systems (MIS)**—See Business Administration 332.
 341. **Systems Analysis and Design**—A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
 343. **System Documentation**—A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Prerequisite: Computer Science 341. Two semester hours.
 411. **Database Management**—A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 341. Three semester hours.
 431. **Operating Systems**—A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multiprogramming and timesharing, command languages and JCL, libraries and linkage editors, and multiuser systems. Prerequisite: Computer Science 212. Three semester hours.
 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT STUDIES

The purpose of Legal Assistant Studies is to prepare students to function as legal secretaries or paralegals. The program may serve as the major in a baccalaureate program or for mature students with special needs can be taken as a certificate (non-degree program). The secretarial emphasis focuses upon computer, interviewing, and management/organizational skills as well as some legal content courses. The paralegal emphasis focuses upon legal content with prerequisite research, computer, and communication skills.

The Bachelor of Science degree requires the completion of thirty-three hours including Legal Assistant 110, 210, and 310 plus twelve hours of legal technical courses chosen from the following: Legal Assistant 320, 340, 350, 355, 360, 410, 420, and 430. Those choosing the secretarial program will select Office Administration 231, 331, Legal Assistant 491 for four hours, and either Computer Science 275 or Office Administration 470. Those choosing the paralegal emphasis will select Legal Assistant 491 for three to six hours and six to nine hours of law-related courses from the following: Business Administration 321, 322, 421, Sociology 311, any accounting courses, or Economics 301. In addition to the specific courses required in the major, the student must have Psychology 357, Computer Science 280, and a 3.0 in English composition. To continue in the program, the student must have a 2.50 grade point average at the beginning of the junior year and a 2.75 at the beginning of the senior year. The certificate program requires the completion of the major plus thirty hours of general education, including Bible 123 and 124. The student must have a 2.75 cumulative grade point average in order to receive the certificate.

110. **Introduction to the Legal Assistant Field**—A survey of the rise, development, and present status of the profession. Included are visits to law offices and courts and contact with paralegal associations and court officials. The course is designed to allow the student to gain an initial familiarity with the field. Two semester hours.
210. **Legal Research and Writing**—An introductory course in legal research, including the preparation of legal pleadings, complaints, motions, petitions, orders, judgments, and correspondence. Three semester hours.
310. **Litigation**—A consideration of the various aspects of pretrial and trial procedure including rules of the court procedure, pleadings, discovery, motions, pretrial conference, settlement, and conduct of the actual trial. Three semester hours.
320. **Domestic Relations**—A study of the legal forms and procedures involved in family law: divorces, legal separations, annulments, adoptions, support agreements and enforcement, property division, and related problems. Three semester hours.
340. **Business Organizations**—A consideration of the forms and techniques involved in the creation, management, and dissolution of corporations, partnerships, and joint ventures. Included are articles of incorporation, corporate charters, bylaws, requirements of initial meetings, stock subscriptions, and partnership agreements. Three semester hours.

350. **Torts**—A study of the legal concepts and procedures with which the paralegal must be familiar in order to assist the attorney in developing cases involving negligence, malpractice, and product liability. Three semester hours.
355. **Criminal Law for Legal Assistants**—A study of the role of the legal assistant in assisting the criminal lawyer in investigating, interviewing, researching, and organizing the case. Basic concepts of criminal law and the criminal justice system, to the extent such knowledge is necessary for a paralegal to function effectively, are also considered. Three semester hours.
360. **Real Estate Law**—The study of real estate law concepts, forms, and vocabulary. The student becomes familiar with real estate documents, title abstracting, real estate loans, and closing documents. Three semester hours.
410. **Estates, Wills, and Trusts**—A study of the legal requirements and forms of wills, basic estate planning, estate administration, and probate procedures. Also included are the creation of trusts and their administration and the requirements and procedures for handling state and federal estate and inheritance taxes. Three semester hours.
420. **Contract and Uniform Commercial Code Forms**—A consideration of the forms and requirements of a valid contract, with special emphasis on commercial forms such as security agreements, financing statements, perfection of security interests, and purchase and shipping agreements. Recommended prerequisite: Business Administration 321-322. Three semester hours.
430. **Debtor/Creditor Relations**—A consideration of the forms and procedures incident to Article 9 of the Uniform Commercial Code plus types of bankruptcy and their relevant forms and procedures. Three semester hours.
491. **Field Work**—Supervised field work in various law offices and legal agencies, designed to give the student broad exposure and initial practical competences. Three to six semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

A two-year Associate in Science degree program with a major in Secretarial Services.

A two-year Secretarial Services Certificate program.

A minor.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 100; Accounting 211-212; Economics 201-202; Office Administration 131, 132*, 143, 144*, 231, 243, 351, 352, 470, 472; Computer Science 275; three hours of electives in Office Administration, and three hours of general electives.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts

college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 100; Office Administration 131-132*, 143-144*, 231, 243, 275, 331, 351, 352, 470, 472; two hours of physical education activity courses; and twenty-two hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131 and/or 132, 143, 144.

The minor in Office Administration consists of Office Administration 231, 232, 280, 351, 352, 470, and 472.

- 131. **Keyboarding**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
- 132. **Business Typing**—Format and typing of personal correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 gross words per minute typing speed. Two semester hours.
- 143-144. **Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in dictation. Three semester hours each semester.
- 231. **Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours.
- 243. **Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours.
- 275. **Word Processing**—See Computer Science 275.
- 280. **Special Topics**—See Computer Science 280.
- 331. **Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules. Prerequisite: Office Administration 231. Three semester hours.
- 351. **Business English**—A review of English grammar and a study of the various types of business letters emphasizing the principles underlying effective business letters and providing practice in applying these principles. Three semester hours.
- 352. **Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the "you-attitude," and verbal precision. Two semester hours.

- 360. Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to records management. Two semester hours.
- 470. Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in-depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. Secretarial Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 231 and 243. Three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.

ADULT EDUCATION PROGRAM IN ORGANIZATIONAL MANAGEMENT

Milligan College offers a degree completion program for adults twenty-five years and older who have completed sixty or more semester hours of college credit. The program includes a general education core of humanities, social and behavioral sciences, natural sciences, and Bible. Additional credit may be given for prior learning experiences. The program may be completed in fifty-three weeks. Classes are taught one evening per week in modules of five to six weeks each; a sequence of these modules is begun periodically throughout the year.

The degree in Organizational Management prepares the student for leadership in both for-profit and not-for-profit organizations by providing knowledge of management, communication, modern world commercialism, social psychology, ethics, and biblical and cultural studies.

Module 1. Adult and Professional Development—An examination of adult learning theory and learning styles. Professional development is analyzed in terms of needs, goals, lifestyles, and future career trends. One semester hour (three weeks).

Module 2. Assessment of Prior Learning—An examination of the options of credit for prior learning experience. No credit (one week).

Module 3. Interpersonal Communication—A study of the role of interpersonal communication in professional and personal relationships. Such skills as listening, attitude development, conflict resolutions, and problem solving provide the focus for reading and practice. Three semester hours (six weeks).

Module 4. Statistical Methods and Research—A study of problem analysis and evaluation techniques. Basic statistical methods are applied to specific research projects. Three semester hours (five weeks).

Module 5. Senior Thesis - Part I—A project which provides students the opportunity to use library resources, including a computerized literature search, in preparation for a major research project. Each student

analyzes a problem in the business/organizational environment. Part I includes the conceptualization of the problem and the application of the appropriate research methodology to examine possible solutions. Two semester hours (three weeks).

Module 6. Group and Organizational Behavior—A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolutions. Three semester hours (five weeks).

Module 7. Economic Environment of Management—An examination of the economic framework in which business and financial management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payments deficits, and unemployment. Three semester hours (five weeks).

Module 8. Principles of Management and Supervision—An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours (six weeks).

Module 9. Human Resources Administration—An exploration of the policies of recruitment, selection, training, development, and compensation of employees. Attention is given to Affirmative Action, Equal Employment Opportunity, and Office of Safety and Health Administration legislation. Three semester hours (five weeks).

Module 10. Ethics: Social/Business/Personal—A study of ethical theories and their application to business, social, and personal values. The experience provides students the opportunity to formulate or clarify a philosophy of life and a personal ethic for decision-making in the workplace. Three semester hours (five weeks).

Module 11. Christ and Culture—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Three semester hours (six weeks).

Module 12. Senior Thesis - Part II—A continuation of Module 5 focusing upon the solutions to the research problem and the details of implementation. Four semester hours (three weeks).

EDUCATION

The program of teacher education is designed to serve persons who wish to be licensed for teaching elementary, secondary, early childhood, and exceptional children. In addition to their service to the teacher education student, courses in this discipline are prepared to give the religious education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters a student will do ten weeks of full-time student teaching and will attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Milligan College students make application for Teacher Education while enrolled in the Introduction to Teaching class. Students must have a 2.5 grade point average, complete the Pre-Professional Skills Test (PPST) with Tennessee approved scores, and be accepted by an admission board for full admission to teacher education. Students who have at least a 2.25 grade point average and have passed at least two of the PPST subtests may have provisional admission. The PPST will be given each semester.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw any time before completion.

Licensure

Milligan offers curricula for licensure issued by the State of Tennessee for elementary teachers, secondary teachers, special education teachers, and early childhood teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to licensure in states throughout the nation.

National Teacher Examination

Students in the teacher program will be required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 153, 407 and Psychology 252. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only eighteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education will ask for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience is a ten week experience in an assigned school. The students will observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.



Special Arrangements of Education Courses

Elementary Education students should plan to enroll simultaneously in three courses: Education 315, 316, and English 354. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive period of instruction, a time for a clinical diagnosis and teaching of one child with reading problems, and a period of time to work with a reading group in the school.

The elementary education semester includes Education 230 (If the student has taken Education 231, this course is not required.), 404, 412, and 421. The secondary education semester includes Education 230, 317, 404, 472, and 461 or 481. The theoretical courses are completed in the first half of the semester. The practicum during the second half of the semester includes directed teaching with an accompanying seminar period.

Elementary Education Major

The major in elementary education is designed for those desiring careers as elementary school teachers. The general education requirements for this major include Bible 123, 124, 471; Theatre 101; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; Geography 201; Sociology 201; and two hours of physical education activities.

The elementary education major consists of Math 103, 104, 105; Health and Physical Education 111, 208, 303, 311 (1 hour); Art 311; History 309, 310; Biology 350; Music 351; English 354; and Education 153, 230, 315, 316, 404, 407, 412, and 421.

Students completing the elementary education major must also complete an area of concentration which may be chosen from the following special curricula created by various areas and available only to those majoring in elementary education. The Biblical Studies concentration consists of Bible 201, 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 111, 112, 211, 213, 304 and Computer Science 104. The Science concentration includes Biology 360 and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 150, 151, 170, 171; Physics 201, 202. (Both biology and physical science should be represented in this choice.) The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311, 402; Theatre Arts 151 or 340; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary education majors may choose to take a second major instead of one of the areas of concentration described above. Elementary Education students have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for licensure in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the licensure will also complete an academic major and an academic minor. The following areas are licensure endorsement areas: Biology, Business,

Chemistry, English, History, Mathematics, Psychology, Sociology, French, Spanish, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, licensure in secondary education requires completion of the following: Health and Physical Education 111; Sociology 303; one hour of physical education activity; Mathematics 107; and twenty-four hours of professional education which must include Education 153, 230, 317, 404, 407, 471, 472, 481, and Psychology 252. An English major must complete four hours in Education 317.

K-12 Curriculum

Music and Health and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses. Health and physical education students should add Mathematics 107 to their general education program and the twenty-four hours of professional education. Music students should add, in addition to Mathematics 107, four hours of health and physical education (this requirement can include Sociology 303) to their general education program and also include the twenty-four hours of professional education.

Special Education Curriculum

Milligan College offers a special education curriculum which is a noncategorical program with emphasis in learning. The special education student, who is required to obtain licensure in either elementary or secondary education in addition to special education, will qualify for modern mainstreaming or the teaching of a special education class. Students will have practicum experience with at least three of the following types of children: learning disabled, mentally retarded, emotionally disturbed, physically handicapped, or gifted. The following courses are required for certification: Education 231, 315, 316, 432, 433, 434, 436, and 437; Psychology 357 or 353 and 454; and Health and Physical Education 406.

Early Childhood Curriculum

The following courses should be added to the elementary education program in order to qualify the student for licensure in early childhood education: Education 441, 442, and 443.

- 153. Introduction to Teaching**—A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings will be included. Two semester hours.
- 230. Exceptional Children in the Schools**—A course including a summary of the special characteristics of exceptional children including the gifted, mentally retarded, emotionally disturbed, brain injured, visually impaired, hearing impaired, speech handicapped, and learning disabled. The course includes a discussion of the mainstreaming approach to teaching exceptional children. Two semester hours.
- 231. Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
- 252. Developmental Psychology**—See Psychology 252.

290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**—A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.
316. **Diagnosis and Remediation in Reading**—A study of the diagnosis of reading skills and the objectives, methods, and materials for the correction of reading difficulties. Direct contact with children in tutorial and group teaching situations is included. Three semester hours.
317. **Secondary School Reading**—A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Two to four semester hours.
404. **Learning in the Schools**—A discussion of the application in the schools of learning theory and testing principles of classroom management. Two semester hours.
407. **History and Philosophy of Education**—A survey of the development of education from ancient Greek times to the present. Three semester hours.
412. **Materials and Methods of Elementary Education**—A general study of the materials and methods of elementary education with specific attention to the teaching of the language arts, mathematics, and social studies. Two semester hours.
421. **Directed Teaching in the Elementary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
436. **Speech for Exceptional Children**—A study of normal and abnormal speech and language development including a survey of major speech disorders and a description of remediation for speech and language problems. Three semester hours.

437. **The Mentally Retarded Child**—A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
442. **Methods and Materials for Kindergarten**—Observation and participation in kindergarten. Basic needs and characteristics of three, four, and five-year-olds in all areas of development, kindergarten program, curricula, routine activities, records, and parent-teacher relationships will be emphasized. Three semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
461. **Directed Teaching K through 12**—A teaching experience at both the elementary and secondary levels in the schools. The teaching experience is supervised by the classroom teacher with the aid of the college supervisor and the major professor. Eight semester hours.
471. **Materials and Methods in Specific Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
472. **Materials and Methods of Secondary Education**—Study of the materials and methods of secondary education with specific attention to curriculum construction and the solution of problem situations. Two semester hours.
481. **Directed Teaching in the Secondary School**—A teaching experience in the public school under the supervision of the classroom teacher with the aid of the college supervisor and major professor. Teaching may be done at two levels. Eight semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.



THE MASTER OF EDUCATION PROGRAM

The Master of Education degree is a fifteen-month professional educational program which prepares teachers for the high level of competence expected by public and private educational institutions. This program, initiated during the summer 1989 increases both the quality and quantity of the educational experiences for teachers in all three areas of teacher training: general education, specialty studies, and professional education.

The M.Ed. program is designed for (1) students who have a bachelors degree with a strong general education component, some specialty or endorsement area, and some introduction to educational methods and for (2) licensed teachers who have a bachelors degree and teach at the elementary or secondary level. For those students without licensure, the program consists of 45 semester hours which include licensure; for those already licensed, the requirements consist of 36 semester hours. Either group may finish the program in two summers and one academic year (i.e. fifteen months).

Goals of the Master of Education Degree

Special goals for the graduate program at Milligan College are as follows:

1. Provide students with research techniques and projects which will be focused toward professional development.
2. Provide opportunity for review of current literature related to the theory and practice of teaching.
3. Provide knowledge of student characteristics to support the instruction and management responsibilities of the teacher.
4. Increase the professional competencies of both elementary and secondary teachers at the preservice and the inservice levels.
5. Promote the professional studies at the graduate level to allow more opportunity for liberal arts and teaching specialty studies at the undergraduate level.
6. Encourage creativity in curriculum designing to include lesson planning, subject matter presentation, and classroom leadership.
7. Provide a sound foundation for further graduate study.

ACADEMIC AND FINANCIAL INFORMATION

Financial Information

Tuition is \$120 per semester hour for the 1989-1990 school year. Financial aid is available through supplemental loans for students, guaranteed student loans, and teacher loan scholarships (for those seeking certification in math, science, art, or music). A non-refundable application fee of \$20.00 is required with the application.

Library

The P.H. Welshimer Library supports the academic program by providing research materials in all subject areas.

More than 100 journals and periodicals are included in the *Education Index* and the *Current Index to Journals in Education*. The Library holds the collection of ERIC documents on microfiche from 1986 through the present and indexing to

all ERIC documents from 1966 to the present. The Library also subscribes to EasyNet gateway service which gives faculty and students access to over 850 data bases. Membership in the Southeastern Library Network gives access to the inter-library loan sub-system.

Curriculum Center

The Curriculum Center houses a textbook collection, teacher aide materials (including games and manipulative materials), curriculum guides, and professional books. Also included are films, filmstrips, video and audio tapes, and records. A work space, including four computers, is a part of this center. Educational equipment, including 16mm projectors, filmstrip projectors, slide projectors, and video cameras and recorders are housed in the Library. A complete set of audio-visual equipment is stored in both the Curriculum Center and the classroom where teacher education classes meet. The Curriculum Center has a transparency maker, a laminating press, and an opaque projector.

Computer Services

Milligan College has recently purchased the new IBM PS/2 Model 30's for the two computer labs. One lab is located in the Library and contains twenty PC's. The other lab is located in Derthick Hall and contains nine PC's. The Derthick lab is available to the students from 8:00 a.m. to 5:00 p.m. Monday through Friday unless a class is in session and three nights throughout the week. The Library lab is open the same hours as the Library with tutors available starting at 6:00 p.m. on weekdays and all day on the weekends.

Milligan also has thirty other IBM PC's which are located throughout the campus. These computers are available to the faculty and staff.

Full Standing

The minimum requirements for admission to the M.Ed. program are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of at least 2.75 or an overall undergraduate grade point average of at least 2.5 and a minimum score at the 35th percentile (National Norms) on the Miller Analogies Test.

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Minimum scores as approved by the State of Tennessee on the Pre-Professional Skills Test. Effective July 1, 1985, the state cut-off scores are Mathematics, 169; Reading, 169; and Writing, 172.
5. Miller Analogies Test score.

Students who do not meet the above requirements may be classified into one of the following categories:

Provisional Standing

The minimum requirements for provisional standing are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of 2.25 or a minimum score at the 25th percentile on the Miller Analogies Test (National Norms).

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Minimum scores as approved by the State of Tennessee on the Pre-Professional Skills Test. Effective July 1, 1985, the state cut-off scores are Mathematics, 169; Reading, 169; and Writing, 172.

Special Standing

Students who declare a non-degree graduate objective or transient students who have been admitted to graduate schools of other institutions are assigned to Special Standing. Non-degree status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives. When a student in non-degree status has been reclassified to Provisional or Full Standing at Milligan College by the Academic Dean and the Director of Teacher Education, a maximum of nine semester hours of Special Standing credit may be counted toward a degree objective.

Transient students may enroll with special admission status. Each applicant must provide the Graduate Office with a completed application for admission and a letter of approval from the Academic Dean or Registrar from the student's home institution.

Admission to Candidacy

Graduate students must make application for admission to candidacy immediately following the completion of twelve semester hours of graduate credit at Milligan College. If application is not made at this time, the student may not be permitted to register for subsequent work until the application is approved. These twelve hours normally include the Introduction to Research Methodology. The requirements which must be met before approval of admission to candidacy are as follows:

1. Achievement of full standing.
2. Completion of at least twelve semester hours of graduate credit at Milligan College with a minimum grade point average of 3.0.
3. Fulfillment of undergraduate requirements for teacher licensure as follows:

- A. **Elementary education**—(1) basic pattern of liberal arts courses to assure licensure, (2) methods in science, reading, and mathematics, (3) practicum in teaching, or

- B. **Secondary education**—(1) basic pattern of liberal arts courses to assure licensure, (2) specific courses in endorsement areas to assure licensure, (3) practicum in teaching.

Academic Probation and Retention Standards

When a student's cumulative average on courses applied toward the graduate degree falls below 3.0, the student will be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.0, the student's record will be reviewed by the Teacher Education Faculty for possible dismissal from the M.Ed. program. Students earning more than two C's may be suspended from the program.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be transferred from other approved institutions to the Milligan M.Ed. degree program.

Admissions Committee

Admission to the program is determined by an Admissions Committee made up of the Director of Teacher Education and two faculty members.

Admission of Seniors to Graduate Study

An undergraduate student who needs less than a semester or summer term of credit to complete the requirements for the bachelor's degree may be admitted to some graduate classes. If this student appears to be able to achieve provisional or full standing in the graduate program at the conclusion of the semester, the student may enroll in up to six hours of graduate credit to fill out a semester or summer term schedule with the approval of the Academic Dean of the College and the Director of Teacher Education.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within a six-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the Teacher Education Faculty upon the recommendation of the student's graduate advisory committee and the Director of Teacher Education.

Comprehensive Examination

During the final semester of the graduate program each candidate must pass a comprehensive examination conducted by the candidate's advisory committee. Examinations may be oral and/or written. Should the student fail to pass this examination, the student may apply for a re-examination. The faculty may require that additional courses be taken, and they will have the option of giving an oral or a written examination to the student.

Grade Requirements for Graduation

Students must attain a 3.0 average for graduation.

Research Project

Students will complete a research project which begins in the research class. The project features research related to the school setting of the internship assignment or to the school setting where a student is working as a full-time teacher. There are designated check points established for students to report on their research projects. These projects are presented in a seminar near the end of the student's graduate program.

National Teacher Examinations

Students who have not taken the National Teachers Examination Core Battery Tests and Specialty Area Examinations should complete these examinations with Tennessee approved scores at the end of their programs.

CURRICULUM

The three curricula which lead to the M.Ed. degree include the elementary program, the secondary program, and the program for licensed teachers. The elementary and secondary programs are designed for persons who need licensure to enter the teaching profession. These programs are built upon a strong liberal arts major and minor, including a full year internship and a research project. They require 45 hours of graduate credit.

The program designed for licensed teachers includes (1) a focus upon current teacher strategies and curricular development and (2) a social-studies component designed to give the graduate student a greater understanding of the culture of the community, the function of the family, and the teacher's relationship to persons being inducted into the profession. This curriculum will require a research project and 36 hours of credit.

The three models described below may be completed in one year and two summers (fifteen months)

Core Courses (21 hours)

511. Study of Research Methodology	3 hours
512. Research Seminar	3 hours
522. Classroom Management and Instruction	3 hours
523. Materials, Media, and Community Resources	3 hours
561. Seminar in Foundations	3 hours
562. School Organization and Law	3 hours
563. Advanced Educational Psychology	3 hours

Elementary Education Courses (24 hours)

530. Survey of Special Education	3 hours
541. Fine Arts Methods	3 hours
542. Health and Physical Education Methods	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Secondary Education Courses (24 hours)

524. Teaching Strategies	3 hours
527. Teaching of Reading in Content Areas	3 hours
530. Survey of Special Education	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Courses for Certified Teachers (15 hours)

524. Teaching Strategies	3 hours
526. Mentorship	3 hours
531. Analyzing Community Culture	3 hours
532. Counseling of Children and Families	3 hours
Elective	3 hours

Graduate Course Load

The normal course load for full-time students in the M.Ed. program is nine to twelve hours per semester. In certain cases, the Academic Dean and the Director of Teacher Education may approve a fifteen hour load for exceptional students.

511. **Study of Research Methodology**—A study of problem-solving, research methods, and research design and an introduction to basic statistics used in experimental and descriptive research. The course includes preparation of an acceptable research prospectus for a research project and the review of principles of research interpretation. Three semester hours.
512. **Research Seminar**—Completion of the research study begun in the research methodology course. Students discuss types of data, published research, and principles of research interpretation. Each student reports on his or her own research findings. Three semester hours.
521. **Test Construction and Interpretation**—A discussion of strategies for constructing of teacher-made tests including true-false, matching, multiple-choice, and essay questions. Students learn how to read and interpret standardized test scores for student diagnosis. Three semester hours.
522. **Classroom Management and Instruction**—A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.
523. **Materials, Media, and Community Resources**—A study of audio-visuals available to the teacher, including video equipment, computers, and community resources. Three semester hours.
524. **Teaching Strategies in Specific Teaching Areas**—A study of the current curriculum and teaching strategies being used in a specific teaching area. Three semester hours.
525. **Structure of the Curriculum**—A study of current trends in curriculum development. Students learn how to define objectives, plan for improvement, and organize instructional materials. Three semester hours.
526. **Mentorship**—A study of the literature related to mentorship. Students are made aware of modern school practice requiring that teachers develop a mentor relationship with teachers in the induction phase of teaching including both the internship and the first year of teaching. Three semester hours.
527. **Teaching of Reading in Content Areas**—A discussion of secondary reading and study strategies as well as techniques for diagnosis and instruction in reading. Three semester hours.
530. **Survey of Special Education**—A study of issues and trends affecting special education, including attention to characteristics of persons who are exceptional in some way. Three semester hours.
531. **Analyzing Community Culture**—A discussion of anthropological skills for studying a community. Some discussion of various sub-cultures in the United States is included. Three semester hours.

- 532. **Counseling of Children and Families**—A study of counseling principles important to teachers as they interact with children and their families. Three semester hours.
- 541. **Fine Arts Methods**—A study of art, music, and drama strategies and techniques useful to the elementary teacher. Three semester hours.
- 542. **Health and Physical Education Methods**—Reading and discussion of material related to fitness and health concerns. The course includes instruction related to physical activity and rhythmical activities. Three semester hours.
- 551. **Internship**—Full days of teaching and school-based professional growth. In addition to a specific teaching assignment, the student may have observations of various school settings, including multicultural, handicapped, rural, and urban settings. Some experiences to develop psychological readiness for the profession are included. Six semester hours.
- 552. **Internship**—A continuation of the internship involving greater responsibility in the teaching assignment. Six semester hours.
- 561. **Seminar in Foundations**—Student involvement in presentations and discussion related to the historical, philosophical, and sociological background of education. The American theoretical approaches to education are emphasized. Three semester hours.
- 562. **School Organization and Law**—A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Specific laws related to schools in Tennessee and in the nation are discussed. Three semester hours.
- 563. **Advanced Educational Psychology**—A study of the application of psychological theories and research to classroom setting. Topics covered include student characteristics, mental health, personality, learning theories, group dynamics, motivation, and evaluation. Three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 204 or 205 or 206, 208, 209, 211, 300, 301, 303, 311, 312, 403, 404, 406, and 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.



The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 204 or 205 or 206, 208, 209, 300, 303, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

101. **Fitness for Life**—A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.
111. **Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.
151. **Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racquetball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.

154. **Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
157. **Gymnastics, Stunts, and Tumbling**—Stunts and tumbling activities and gymnastics commensurate with the student's ability and available apparatus. One semester hour.
158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
161. **Archery and Racquetball**—Knowledge and skill development in target archery and racquetball. One semester hour.
199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—A study of rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of

- pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
 301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
 302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
 303. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
 309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to prepare for teaching. Two semester hours.
 311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One to three semester hours.
 312. **Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
 403. **Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
 404. **Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
 406. **Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
 409. **Recreational Leadership and Outdoor Education**—A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.

- 411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
- 489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. **Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
- 495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Photo: Johnson City Press

Area of Scientific Learning



Dr. Charles W. Gee, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to the living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those students interested in biology, but desiring to elect a minor that is not in the sciences. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 151; and Mathematics 111 and 112. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by students who plan to pursue graduate study in biology, enter a medical field of study, or certify to teach secondary school biology.

Requirements for the Bachelor of Science degree leading to graduate study or pre-professional careers are thirty-two hours in biology which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, 303, 304, and 310; Mathematics 111 and 112, with calculus recommended; and Physics 203 and 204.

Requirements for the Bachelor of Science degree with secondary education certification are thirty-two hours in biology which must include Biology 110, 120, 140, 210, 250, 251, and two electives from Biology 360, 380, and 410; a minor in physical science which includes Chemistry 151, 170, 171 and Physics 104 and 203; and Mathematics 211.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major, the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 150, 151, 170, 171 and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined

total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

- 110. **General Biology**—An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.
- 120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
- 140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
- 210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
- 215. **Field Studies in Biology**—An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
- 240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree which leads to the pre-professional or graduate major in biology. Prerequisite: Biology 110. Four semester hours each semester.
- 290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.
- 341. **Animal Histology**—A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
- 342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.

350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.
360. **Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: One semester of biology. Four semester hours.
362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: One semester of biology. Offered alternate years. Four semester hours.
380. **Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
410. **Biogeography**—A study of the biological, geographical, climatological, and geological factors that affect the distribution of plants and animals. The course will attempt to explain how species came to be distributed as they are today and why the taxonomic composition of the biota varies from one region to another. Prerequisite: Twelve hours of biology. Four semester hours.
440. **Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
490. **Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisite: Twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 170, 171, 202, 203, 301, 302, 303, 304, 401, 402, and four hours of chemistry electives. Mathematics through Mathematics 303 and Physics 203 and 204 are also required.

The chemistry minor consists of twenty hours including Chemistry 301, 302, 303, 304, and either 202 or 310.

The physical science minor consists of twenty hours of science, including Chemistry 151, 170, 171 and Physics 104 and 203.

150. **Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
151. **Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 170-171. **General Chemistry**—A study of the principals of general chemistry, including Qualitative Analysis. Prerequisite: algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours lecture, one hour of recitation, and one three-hour laboratory per week. Four semester hours each semester.
202. **Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
203. **Instrumental Analysis**—An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Three hours lecture and three hours laboratory per week. Four semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 102. Three semester hours.
302. **Organic Chemistry**—A study of the preparation properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.
303. **Organic Chemistry Laboratory**—An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification, and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
304. **Organic Chemistry Laboratory II**—Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
310. **Biochemistry**—A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related

chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.

311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. **Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 171, 202, and Physics 203-204. Four semester hours each semester.
405. **Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the periodic table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in mathematics, the major consists of thirty semester hours, which must include Mathematics 211, 212, 303, and eighteen additional hours of math courses numbered above 200. Especially recommended are Mathematics 307, 309, and 314. In addition, the student must complete a foreign language through the intermediate level.

For a Bachelor of Science in mathematics, the major consists of thirty-six semester hours, which must include Mathematics 211, 212, 303, and twenty-four additional hours of math courses numbered above 200. Especially recommended are Mathematics 307, 309, and 314, as well as 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics requires twenty-four semester hours which must include Mathematics 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Mathematics 111, 112, 211, 213, and 304 and Computer Science 104.

090. Mathematics Laboratory—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Not for credit toward any major or minor. One semester hour.

103. Fundamental Concepts—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Three semester hours.

104. Fundamental Concepts—An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Three semester hours.

105. Materials and Methods in Elementary Mathematics—An intensive study of methods, materials, and media appropriate for teaching elementary mathematics. Attention is given to the development of materials for a mathematics laboratory. Practical experience in the classroom under supervision will be included, as is a study of testing and evaluation and a study of various possibilities for working with both the

gifted and low achievers. This course is appropriate only for students majoring in elementary education. Two semester hours.

107. **Principles of Mathematics**—An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.
111. **College Algebra I**—A study of algebraic methods; the natural numbers, the integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; function theory including domain, range, composition, inverses, and graphing techniques. Three semester hours.
112. **College Algebra II and Trigonometry**—A continuation of Math 111 including the study of exponential and logarithmic functions, vectors, and complex numbers. Also included are an in-depth presentation of trigonometric functions: their values, graphs, inverses, identities; with application to triangles, circles and some mechanics. Prerequisite: Math 111 or equivalent. Three semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 112. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**—A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **An Introduction to Modern Mathematics**—A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular emphasis on the reading and writing of proofs. Recommended for math majors. Offered every spring. Prerequisite: Math 212 or consent of instructor. Three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
304. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.

307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Prerequisite: Math 212. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 301. Offered alternate years. Three semester hours.
309. **Differential Equations**—A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303 and 307. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 301. Offered alternate years. Three semester hours.
314. **Probability and Statistics I**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 303. Offered alternate years. Three semester hours.
315. **Probability and Statistics II**—A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Offered alternate years. Three semester hours.
351. **Mathematical Modeling**—A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 305 and 307. Offered alternate years. Three semester hours.
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 307, 309, and a computer language. Offered alternate years. Three semester hours.
411. **Introduction to Real Analysis**—A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergency of sequences of functions, Lebesgue measure and integration, Riemann-Stieltjes integration, and general measures. Offered alternate years. Prerequisite: Math 310. Three semester hours.
490. **Independent Study**—Individual work in mathematics under the direct supervision of an instructor. Prerequisite: Twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

PHYSICS

104. **Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.
- 203-204. **General Physics/Calculus**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motions, sound, light, and modern physics are studied in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



Area of Social Learning

Dr. Robert B. Hall, Chairman



The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in elementary education. In addition to the social studies required of all students and those included in the elementary education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in special education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

201. **Introduction to Geography**—An introduction to elements from physical, human, population, cultural, political, behavioral, economic, resource, and urban geography. Also considered are map shells and concepts of regional geography. Three semester hours.
202. **World Regional Geography**—An overview of the cultural regions of the world including both the developed and underdeveloped areas. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes, retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the opposite direction. In this case the course work will be concentrated in the area of business with fewer courses in the social sciences. A field work internship with an agency is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing in other states without re-examination.

Option 1—Emphasis on Psychology and Sociology

Soc 201	Introduction to Sociology	3
303	Family	3
321	Sociology of Death and Dying	3
413	Seminar in Aging and Retirement	3
426	Sociology of Small Groups	3
491	Field Work	6
Psy 250	General Psychology	3
252	Developmental Psychology	3
353	Personality Theory	3
357	Counseling	3
358	Abnormal Psychology	3
		<hr/> 36 semester hours
Econ.	201-202 Principles of Economics	6
Acc.	211-212 Accounting	6
B. Adm.	361 Principles of Management	3
One of the following courses must be completed.		
B. Adm.	315 Marketing	3
	362 Personnel Management	3
	363 Industrial and Public Relations	3
	421 Business Ethics	3
		<hr/> 18 semester hours

Option 2—Emphasis on Business Administration

Econ.	201-202 Principles of Economics	6
Acc.	211-212 Accounting	6
Econ.	301 Corporate Finance	3
B. Adm.	315 Marketing	3
	361 Principles of Management	3
	362 Personnel Management	3
	363 Industrial and Public Relations	3
	421 Business Ethics	3
	491 Field Work	6
		<hr/> 36 semester hours
Soc 201	Introduction to Sociology	3
321	Sociology of Death and Dying	3
413	Seminar in Aging and Retirement	3
Psy 250	General Psychology	3
252	Developmental Psychology	3
357	Counseling	3
		<hr/> 18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. **History of Christian Missions**—See Christian Ministries 271.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors and minors. One semester hour.
306. **Medieval History**—A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. **American History**—A study of history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
321. **History of the Renaissance**—A study of the transition from the Middle Ages to the Modern World emphasizing cultural change from 1300 to 1600. Three semester hours.
324. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
- 331-332. **History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. **Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
351. **History of the Reformation**—A study of the religious revolution of the Sixteenth Century emphasizing both traditional reformers and reformers in the "free-church" tradition. Three semester hours.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
377. **The Middle Period: 1840-1880**—A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Three semester hours.
379. **The Gilded Age: 1877-1920**—An examination of the nation in the midst of its industrial development and rapid population growth with

- specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.
380. **America in the Twentieth Century**—A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 431-432. **Reformation of the Nineteenth Century**— A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Two semester hours each semester.
445. **Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

Human Relations Major

The Area of Social Learning provides a major and a minor in human relations with curricula leading to a Bachelor of Arts or to a Bachelor of Science degree. The major enables students to develop programs in psychology, sociology, social agencies, and youth leadership. The Bachelor of Science degree requires thirty-six hours. The Bachelor of Arts degree requires thirty hours plus twelve hours of a foreign language. A major in human relations requires a core program of nine hours of the core courses listed below. Remaining courses for elective credit must be taken from the specific courses listed for that track unless otherwise arranged in consultation with the Track Chairman and approved in writing. Those completing the major in human relations are required to demonstrate computer competency. This may be accomplished in one of the following ways: completion of Computer Science 100 or 275 or 280 or by passing a competency test. Students may not use any courses counted toward the major to meet requirements for a minor or a second major.

Core Courses			
*Sociology 201 (3 hours)		Psychology 250 (3 hours)	
Sociology 303 (3 hours) or Psychology 350 (3 hours)			
Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies* *	Track Four: Youth Leadership
Required Courses: (12 hrs.)	Required Courses: (9 hrs.)	Required Courses: (15 hrs.)	Required Courses: (11-13 hrs.)
Psy. 259	Soc. 210	Soc. 311	Soc. 203
Psy. 353	Soc. 401	Soc. 403	Psy. 357
Psy. 401	Soc. 451	Soc. 451	H&PE 409
Math 213		Soc. 491 (6 hrs.)	H&PE 491 (4-6 hrs.)
Suggested Electives	Suggested Electives:	Suggested Electives:	Suggested Electives:
Any other	Math 213	Psy. 252	CM 261
Psychology	Soc. 311	Psy. 352	CM 318
courses	Soc. 312	Psy. 353	Psy. 252
CS 104	Soc. 314	Psy. 358	Psy. 358
	Soc. 360	Psy. 401	Soc. 311
	Soc. 403	Soc. 210	Soc. 312
	Soc. 413	Soc. 311	Soc. 314
	Soc. 421	Soc. 312	Soc. 360
	Soc. 426	Soc. 413	Soc. 403
	Soc. 456	Soc. 426	Soc. 426
	Soc. 461	Soc. 490	
	Soc. 490		
	Soc. 491		

**For those interested in agency and institutional management a minor in Accounting or Business Administration is suggested.

*Not required for Track One.

Human Relations Minors

A minor in human relations is eighteen hours including the required courses for the track selected. Only those electives specifically listed may apply to the minor and are to be arranged in consultation with the Area Chairman.

Track One: Psychology	Track Two: Sociology and Anthropology	Track Three: Social Agencies	Track Four: Youth Leadership
Required Courses: (15 hrs.) Psy. 250 Psy. 259 Psy. 350 Psy. 353 Soc. 201	Required Courses: (15 hrs.) Psy. 250 Soc. 201 Soc. 210 Soc. 303 Soc. 451	Required Courses: (15 hrs.) Soc. 201 Soc. 303 Soc. 311 Soc. 403 Psy. 250	Required Courses: (14-18 hrs.) Soc. 201 Psy. 250 Soc. 303 or Psy. 350 Soc. 203 H&PE 409 H&PE 491 (1-4 hrs.)
Recommended Electives: (3 hrs.) Math 213 Psy. 252 Psy. 357 Psy. 358 Soc. 303 Soc. 426 To be chosen with written approval of Track Chairman	Recommended Electives: (3 hrs.) Math 213 Psy. 350 Soc. 311 Soc. 314 Soc. 401 Soc. 426	Recommended Electives: (3 hrs.) Pol. Sci. 304 Psy. 350 Psy. 352 Psy. 353	Recommended Electives: CM 261 CM 318 CM 321 Psy. 252 Psy. 358 Soc. 311 Soc. 312 Soc. 314 Soc. 360 Soc. 403 Soc. 426
Other Possible Electives: Soc. 210 Soc. 360 Any other Psy. course	Other Possible Electives: Any other Soc. course	Other Possible Electives: B.Adm. 361 B.Adm. 363 Econ. 201-202 Psy. 401 Any other Soc. course	



POLITICAL SCIENCE

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individualized study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
- 360. The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspects of the office such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.
- 361. Domestic Policies**—The content of the course varies with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
- 370. International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
- 489. Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. Field Work**—A practicum experience that will involve the student in a position of government under adequate supervision for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to ensure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

- 100. Principles of College Success**—A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources

such as time and money, a growing awareness of self, effective methods of relating to peers, and development of one's faith in the Lord. Required of all freshmen during the first semester of attendance. One semester hour.

250. **General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
252. **Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
259. **Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**—A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
352. **Industrial and Business Psychology**—A study of the practical applications of psychological principles in industry, business, advertising, and the professions. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. The course may be substituted for Psychology 358 as a required course for psychology majors and minors. Prerequisite: Psychology 250. Three semester hours.
357. **Introduction to the Theory and Practice of Counseling**—An introduction to counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
358. **Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.

404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
405. **Theories of Learning**—A study of both the behaviorist and cognitive approaches to issues in learning, memory, and cognition. The course examines issues from both an empirical and theoretical viewpoint and covers applications of learning theory to areas such as clinical and educational psychology. Prerequisite: Psychology 250. Three semester hours.
427. **Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
450. **Psychology of Religion**—A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.
454. **Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY AND ANTHROPOLOGY

The sociology and anthropology curriculum emphasizes the principles and application of sociological knowledge. The major and minor (Human Relations Track II) are designed to ensure that each student will receive a broad background in sociology while at the same time offering opportunities to pursue specialization in an interest area.

Early in the student's career at Milligan, preferably by the end of the first year, the student interested in sociology should consult with the sociology and anthropology faculty in order to plan a curriculum. Human Relations Track II

is designed for the student who wishes a broad view of sociology and anthropology. This track is also for those wishing to continue their preparation in graduate school. Human Relations Track III is designed for students interested in a career in the social services. Field experience is required; students will be placed with a social agency in a local community for a period of time. Track IV is for those who wish to prepare for a career in some facet of youth leadership. This track also requires formal field experience.

SOCIOLOGY

- 201. **Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 203. **Introduction to Youth Leadership**—A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.
- 210. **Introduction to Cultural Anthropology**—A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 303. **Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. **The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.



312. **Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
314. **Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
321. **Sociology of Death and Dying**—An exploration of the current literature on death and dying. The approach will be cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
350. **Social Psychology**—See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisites: Sociology 201 and 303. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention is given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
480. **Sociological Contexts of Prison Ministry**—A study of the criminal justice system and those who are participants in it: professional

staff, inmates, and the volunteer community. This course is designed to establish the philosophical base and practical knowledge necessary to support an institutional chaplaincy program. Three semester hours.

489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January 1989

Charles E. Allen, Physician, Johnson City, TN
John Banks, Attorney, Elizabethton, TN
Russell F. Blowers, Minister, Indianapolis, IN
H. Joseph Bourn, Investment Counselor, Chicago, IL
David Chupa, Educator, Johnson City, TN
William R. Clem, Businessman, Lexington, KY
D. E. Detraz, Businessman, Tarpon Springs, FL
W. Edward Fine, Minister, St. Petersburg, FL
Dennis Fulk, Businessman, Carmel, IN
Marshall W. Hayden, Minister, Worthington, OH
Don Jeanes, Minister, Houston, TX
Steve Lacy, Businessman, Johnson City, TN
John Love, Realtor, Johnson City, TN
Donald Marshall, Minister, Elizabethton, TN, *Chairman*
Kent E. McQuiston, Accountant, Indianapolis, IN
Kenneth A. Meade, Minister, Rockville, MD
Lowell W. Paxson, Businessman, Clearwater, FL
M.W. Pully, Retired Business Executive, Bristol, TN
W.V. Ramsey, Businessman, Mountain City, TN
Henry Richardson, Businessman, Havre de Grace, MD
Geoffrey Salyer, Businessman, Elkhorn City, KY
J. Donald Sams, Administrator, Mt. Healthy Christian Home, Cincinnati, OH
Ralph Small, Retired Publisher, Cincinnati, OH
Dan Stuecher, Minister, Safety Harbor, FL
J. Marvin Swiney, President, Mountain Mission School, Grundy, VA
George O. Walker, Retired Insurance Executive, LaVerne, CA
Mark H. Webb, Dentist, Bristol, TN
John J. Wiggins, Insurance Executive, Plainfield, IN
Eugene H. Wigginton, Publisher, Standard Publishing Company, Cincinnati, OH
Lidy Wyatt, Hamilton Bank Executive, Johnson City, TN
Harold Zimmerman, Retired Business Executive, Indianapolis, IN

Trustees Emeriti

Robert E. Banks, Attorney, Elizabethton, TN
Theodore Cord, Minister, Sioux City, IA
Jack Covington, Contractor, Winston-Salem, NC
Jordan Crouch, Banker, Reno, NV
Horace W. Dabney, Businessman, Louisville, KY
Harry Guion, Retired Insurance Executive, Indianapolis, IN
Leslie L. Lumsden, Retired Businessman, Elizabethton, TN
C. Howard McCorkle, Retired Educator, Johnson City, TN
Jack R. Musick, Circuit Court Judge, Elizabethton, TN
Wade Patrick, Businessman, Johnson City, TN
John U. Phelps, Minister, Clemmons, NC
Frank L. Wiegand, Attorney, Pittsburgh, PA

The Advisers, January, 1989

Sylvan Amstutz, Businessman, Orrville, OH
William B. Anderson, Minister, Erwin, TN
Brett J. Andrews, Minister, Springfield, VA
Harold E. Armstrong, Minister, Columbus, IN
Dewey R. Barker, Area Manager, Bethlehem Steel, Bel Air, MD
Robert E. Belloir, Minister, East Point, GA
Phil Blowers, Attorney, Indianapolis, IN
David Boggs, Businessman, Davidsonville, MD
Michael Bradford, Communication Director, Christian Church Homes of
Kentucky, Louisville, KY
Randy Brockley, Banker, Houston, TX
Clyde Broyles, Jr., Businessman, Elizabethton, TN
Reno G. Burleson, Contractor, Johnson City, TN
L.D. Campbell, Minister, Florence, KY
Samuel H. Clark, Jr., Retired, Bristol, TN
Gerald Cook, Businessman, Cincinnati, OH
Michael Corey, Elevator Constructor, McCordsville, IN
Alvin Covell, Minister, Frankfort, IN
E. Richard Crabtree, Minister, Colorado Springs, CO
Donald Crum, Business Executive, Edgewood, KY
Gary A. Deater, Hospital Administrator, Lebanon, IN
Sherry Detraz, Teacher, Dunedin, FL
Ron DeLong, Businessman and Evangelist, Carmel, IN
Harold J. DeVault, Businessman, Concord, TN
Judy Ebert, Churchwoman, New Port Richey, FL
Robert M. Elliott, Retired Educator, Kingsport, TN
William English, Executive, Kentucky Utilities, Lexington, KY
James L. Evans, Executive Director, European Evangelistic Society, Atlanta, GA
William F. Faddock, Physician, Fayetteville, GA
Jack Gardner, Banker, Erwin, TN
Jack Gilbert, Executive, Indianapolis, IN
William F. Hall, Minister, Greenville, IN
Omer Hamlin, Jr., Librarian, University of Kentucky Medical School,
Lexington, KY
Joseph Harper, Businessman, Ironton, OH
Steve Haxton, C.P.A., Westerville, OH
Wayne Hay, Parole Officer, State of Kentucky, Louisville, KY
Robert L. Huckstep, Businessman, Charlottesville, VA
David C. Hughston, Insurance Executive, Brownsville, TX

Darla Irvin, Churchwoman, Lock Haven, PA
E. Glenn Isaacs, Business Executive, Elizabethton, TN
E.P. Jones, Executive, Boy Scouts of America, Atlanta, GA
Sue Kettelson, Churchwoman, Simpsonville, SC
Robert Kroh, Minister, Bellevue, WA
James Landrum, Minister, Bloomington, IN
David Marler, Chaplain, Veterans Administration, Indianapolis, IN
Karl M. Marshall, Minister, Paris, IL
Brewster McLeod, Minister, Lexington, KY
Gordon Mehaffey, Insurance Executive, Dublin, IN
John Meredith, Associate Minister, Fort Myers, FL
John P. Mills, Minister, Painesville, OH
William A. Nice, Physician, Bloomington, IN
William O. Norris, Retired Minister, Johnson City, TN
Paul F. Nourse, Minister, Evansville, IN
Robert W. Paswater, Minister, Indianapolis, IN
Cameron Perry, Bank Executive, Johnson City, TN
Gary D. Porter, Administrator, Children's Home, Wooster, OH
Walter Puckett, Minister, Crown Point, IN
David Pugh, Teacher, Indianapolis, IN
William Rollins, Grocer, Bristol, TN
John Russell, Minister, Ft. Mitchell, KY
John C. Samples, Executive, Standard Publishing Company, Cincinnati, OH
Richard Sargent, Minister, Chicago, IL
James D. Saunders, Minister, Louisville, KY
Laurie Schreiner, Professor, Eastern College, St. Davids, PA
Ronald F. Sewell, Executive, I.B.M. Corporation, Rockville, MD
Ralph Sims, Minister, Johnson City, TN
Joe D. Slone, Systems Engineer, I.B.M. Corporation, Roanoke, VA
Deborah Smith, Accountant, Indianapolis, IN
Ronald S. Spotts, Businessman, Beech Creek, PA
Loren Stuckenbruck, Doctoral Student, Princeton, NJ
Joseph E. Sutherland, Family Counselor, Mason, OH
John Wakefield, Minister, Cincinnati, OH
Robert A. Walther, Minister, Massillon, OH
David Wead, Minister, Nashville, TN
Jerry Williams, Minister, Indianapolis, IN
Robert L. Williams, Teacher, Jersey Shore, PA
Ted H. Wood, Business Executive, Lombard, IL
Ron Zimmerman, Business Executive, Indianapolis, IN



FACULTY AND ADMINISTRATION JANUARY, 1989

MARSHALL J. LEGGETT, President (1982)

A.B., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D, Midwest Christian College; Atlanta Christian College; Ball State University.

President's Cabinet

GARY E. WEEDMAN, Academic Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.

JOHN DERRY, Dean of Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University.

HOWARD F. NOURSE, Vice President for Institutional Advancement (1988)

B.S., Ohio State University; M.A., St. Francis College; Ph.D., Ohio State University.

MARK A. MATSON, Business Manager (1984)

B.S., Humboldt State University; M.Div., Emmanuel School of Religion; Fuller Theological Seminary.

PAUL BADER, Director of Admissions (1976-1985, 1987)

B.S., Milligan College; St. Louis Christian College; Emmanuel School of Religion; East Tennessee State University.

Administration

ROBERT E. ALLEN, Director of Church Relations (1986)

B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.

LEONARD BEATTIE, Physical Plant Director (1986)

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

GRETA B. HEDBERG, Assistant Director of Public Relations (1988)

B.A., University of Michigan; M.A., East Tennessee State University; University of Virginia

PATRICIA K. MARLOW, Financial Aid Counselor (1984)

East Tennessee State University; Tri-Cities State Tech; Milligan College.

DAVID L. MAURICE, Director of Alumni Relations (1989)

B.S., Milligan College; M.Div., Emmanuel School of Religion; University of Oregon; East Tennessee State University.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., L.L.D., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

KATHY SMITH, Director of Personnel and Mailroom Supervisor (1984)

B.S., Auburn University; Milligan College.

MIKE SMITH, Data Processing Manager (1981)

B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

TERRY J. DIBBLE, Professor of English (1971)

B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

GEORGE A. FINCHUM, Professor of Education and Geography (1987)

B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University, Krakow, Poland.

CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Joel O. and Mabel Stephens Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.

ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

JACK L. KNOWLES, Professor of English (1970)

B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.

RICHARD D. LURA, Professor of Chemistry (1971)

B.S., University of Wisconsin; Ph.D., Iowa State University; Medical College of Virginia.

EUGENE NIX, Professor of Chemistry (1967)

B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

RICHARD PHILLIPS, Professor of Bible (1967)

B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.

EUGENE P. PRICE, Chairman, Area of Professional Learning and Frank H. Knight Professor of Economics and Business (1949)

B.A., M.A., Duke University; Harvard University.

- DAVID C. RUNNER, Professor of Music (1972)
B.Mus., Boise State University; M.Music, D.M.A., Eastman School of Music, University of Rochester.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.
- GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.
- JOSEPH M. WEBB, Professor of Communication and Preaching (1988)
B.A., Lincoln Christian College; M.S., Ph.D., University of Illinois.

Associate Professors

- BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.
- THOMAS V. BARKES, Associate Professor of Computer Science (1985)
B.S., Milligan College; M.T.S., College of William & Mary; M.S.C.S.E., University of Evansville; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.
- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- SUSAN GAYLE HIGGINS, Associate Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.
- PATRICIA P. MAGNESS, Associate Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University; Georgia State University; Emory University.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of Kentucky.
- R. DAVID ROBERTS, Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.
- CAROL A. ROOSE, Associate Professor of Education (1989)
B.S., M.A., Ph.D., Kent State University; Case Western Reserve University.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S., Princeton Theological Seminary; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.

JAMES L. STREET, Associate Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Associate Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky; M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; B.S., East Tennessee State University; M.A., University of Kentucky; University of Strasbourg.

Assistant Professors

TIM DILLON, Assistant Professor of History (1982)
B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison; Emmanuel School of Religion.

THOMAS R. FANNEY, Assistant Professor of Mathematics (1987)
B.A., Virginia Wesleyan College; M.S., Colorado State University; Virginia Polytechnic Institute and State University.

ANN ILES, Assistant Professor of Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education (1985)
B.S., Milligan College; M.S., Ball State University; Purdue University; Arizona State University; East Tennessee State University.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.

J. DAVID KNOECKLEIN, Assistant Professor of Art and Humanities (1985)
B.A., Boise Bible College; M.A., Lincoln Christian Seminary; M.S., Illinois State University; Boise State University.

VIRGINIA LAWS, Assistant Professor of Secretarial Science (1974)
B.S., Milligan College; M.A., East Tennessee State University.

ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)
B.B.A., Grand Valley State College; M.Acc., University of Georgia, Certified Public Accountant.

RICHARD MAJOR, Assistant Professor of Theatre (1985)
B.A., Milligan College; M.F.A., Michigan State University; Ohio University.

NORMA J. MORRISON, Assistant Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T., East Tennessee State University; Milligan College; University of Oregon.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration (1986)
B.S., University of Kansas; M.B.A., East Tennessee State University; Babson College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library and Reference Librarian (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

CAROLYN E. WALSH, Assistant Professor of Office Administration and Computer Science (1984)
B.S., M.A., East Tennessee State University; University of Evansville.

DENNIS L. WILLIAMS, Assistant Professor of Music (1987)
B.M.E., Indiana University of Music; M.C.M., D.M.A., Southern Baptist Seminary School of Music; Westminster Choir College; University of Michigan; University of Louisville.

New Faculty

The following will be joining the faculty for the 1989-90 year:

W. THOMAS BECKNER, Assistant Professor of Communications
B.A., Milligan College; M.A., Kent State University; M.S., Georgia State University; Ohio University; Emory University.

W. DENNIS HELSABECK, JR., Associate Professor of Church History (1982-1984)
B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion; Luther Northwestern Theological Seminary.

JULIA G. HOLMES, Assistant Professor of Education
B.S., Troy State University; M.Ed., Ed.D., University of Alabama; St. Leo College; Auburn University.

Support Personnel

LAURA NELL HILL, Administrative Assistant to the President

JENNIFER HOLLOWELL, Admissions Counselor

PAMELA JENNETT, Admissions Counselor

MICHAEL JOHNSON, Admissions Counselor

V. JUNE LEONARD, Library Technical Services Manager

ROB KASTENS, Admissions Counselor

OPAL B. LYONS, Acting Director of Health Services

SUE SKIDMORE, Administrative Assistant to the Academic Dean

MARTHA STOUGHTON, Admissions Counselor

TONY WALLINGFORD, Head Men's Basketball Coach

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate Professor Emeritus of Health and Physical Education (1958)

ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)

ROBERT O. FIFE, Professor-at-Large (1954)

HOWARD A. HAYES, Professor Emeritus of Bible (1967)

W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)

IVOR JONES, Professor Emeritus of History (1942)

- JUANITA JONES, Associate Professor Emeritus of English (1968)
JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)
EUEL J. OWNBY, Associate Professor Emeritus of Education (1961)
JAMES L. SHIELDS, Professor Emeritus of Education (1959)
LONE L. SISK, Professor Emeritus of Chemistry (1948)
EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)
C. ROBERT WETZEL, Professor-at-Large (1961)



ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
The McWane Foundation Fund
The Waddy Trust Fund
The Adam B. Crouch Memorial Fund
The Hopwood Memorial Fund
The Elizabethton Endowment Fund
The Derthick Memorial Fund
The Kelton Todd Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Anglin Fund
The Ayllette Rains Van Hook Memorial Fund
The McCormick Fund
The Philip Scharfstein Scholarship Fund
The Webb D. Sutton Trust Fund
The Edith B. Cottrell Memorial Fund
The Milligan College Memorial Fund
The Barbara Main Memorial Fund
The Wiley Wilson Memorial Fund
The B.D. Phillips Fund
The George Iverson Baker Memorial Fund
The Sam Jack and Mary Ellen Hyder Memorial Fund
The Ada Bennett Memorial Fund
The Asa F. And Marguerite Cochrane Memorial Fund
The Stewart-Roberts Fund
The Arthur H. and Marguerite Miller Memorial Fund
The Dorothy S. Wilson Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Clarence A. and Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H.O. Bolling Memorial fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr. Memorial Fund
The Clyde Ratliff Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The Clem Endowment Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The 1980 Class Fund

The Roy G. True Memorial Fund
The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Memorial Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Clarence and Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund
The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
The James W. Pruitt Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund
The W. Chamberlain Hale Memorial Fund
The 1982 Class Fund
The 1984 Class Fund
The Helen and Harold Eswine Memorial Fund
The John Wesley and Willie J. Allen Memorial Fund
The Claude R. and Mary Sue Love Memorial Fund
The Rev. J. E. Gordon Memorial Fund
The D. Kemper Helsabeck Memorial Fund
The 1985 Class Fund
The 1987 Class Fund
The Kathleen Adams Bowman Memorial Fund
The T.W. Phillips Memorial Fund
The Living Endowment Fund
The T.A. Lovelace Memorial Fund
The Edgar Randolph Memorial Fund
The 1981 Class Fund
The 1982 Class Fund
The Birdy Black Scholarship Fund
The Sam Crabtree Scholarship Fund
The Davidson Scholarship Fund
The Daisy & Fred Hayden Scholarship Fund
The Lula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Richard Millsaps Scholarship Fund
The Joan Millar Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The Edens Pleasant Home Carpet Fund
The W.V. Ramsey Minister's Scholarship Fund
The Ralph Small Scholarship Fund
The Roger Speas Scholarship Fund
The Irene Spahr Scholarship Fund
The W.B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund
The Fred Broyles Scholarship Fund

The Kate Rice Blankenship Scholarship Fund
The Clarence and Lela Anderson Brumit Memorial Fund
The Rondah Y. Hyder Memorial Fund
The John L. Kuhn Memorial Fund
The Edgar Ralph Turner Memorial Fund
The Herschell J. Springfield Memorial Fund
The Virginia Burns Elder Memorial Fund
The Harry A. Smith Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The William E. Axamethy Memorial Fund
The 1988 Class Fund
The Ada Bess Hart Memorial Fund
The Mr. and Mrs. Thruman C. Earon Scholarship Fund
The 1986 Class Fund
The Mary Archer Memorial Fund
The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund
The Art Spahr Endowment Fund
The Mr. Paul O. George Memorial Fund
The Mr. Edgar Ralph Turner Memorial Fund
The Dr. Dean E. Walker Memorial Fund
The Mr. A.B. Culbertson Memorial Fund
The Frank and Janie Von Cannon Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

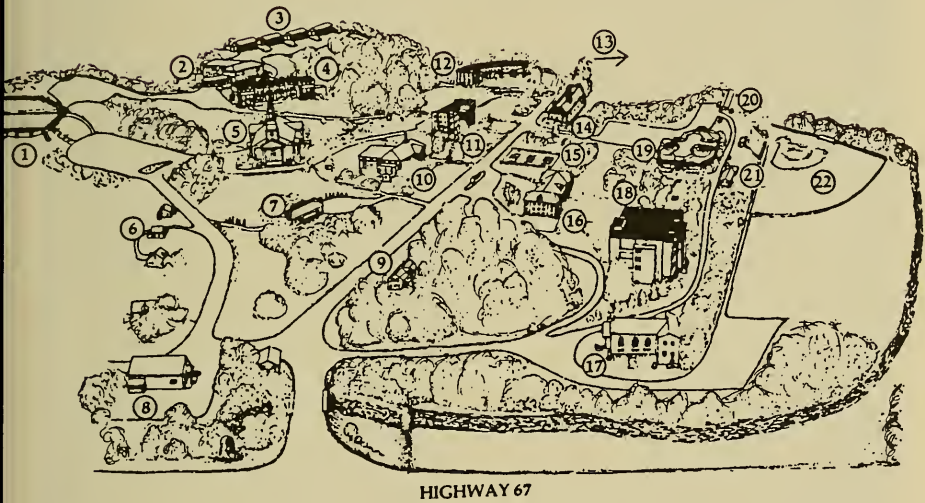
First Christian Church, Chicago, Illinois—THE DEAN E. WALKER
CHAIR OF CHURCH HISTORY—Professor Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT
CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS
CHAIR OF BIBLE—Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.

Milligan College Campus



HIGHWAY 67

Key

- | | |
|----------------------------|------------------------------------|
| 1. Lacy Fieldhouse | 12. Webb Hall |
| 2. Hart Hall | 13. Physical Plant |
| 3. Married Student Housing | 14. McMahan Center |
| 4. Sutton Hall | 15. Tennis Courts |
| 5. Seeger Chapel | 16. Hardin Hall |
| 6. Music Practice House | 17. Hopwood Church |
| 7. Little Hartland | 18. Derthick Hall |
| 8. Post Office | 19. Lawson Science Center |
| 9. Hospitality House | 20. Faculty Office Building |
| 10. Welshimer Library | 21. Paxson Communications Building |
| 11. Pardee Hall | 22. Anglin Field |

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The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. Charges are subject to change at anytime. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.



NOTES

MILLIGAN COLLEGE CALENDAR

Summer Session, 1989

Registration	June 12
First Term Classes	June 12-July 12
Second Term Classes	July 13-August 11

Fall Semester, 1989

Dorms Open to Freshmen	August 27
Conference for Parents of Freshmen	August 27
Freshmen Orientation	August 27-30
Faculty Conference	August 28
Dorms Open to Upperclassmen	August 28
Advising and Registration	August 29-30
Classes Begin	August 31
Matriculation	August 31
Fall Break	5:00 p.m., October 18 to 8:00 a.m., October 24
Thanksgiving Holidays	5:00 p.m., November 21 to 8:00 a.m., November 27
Last Day of Classes	December 15
Final Examination	December 18-21

Spring Semester, 1990

New Student Orientation	January 13
Advising and Registration	January 15-16
Classes Begin	January 17
Spring Break	5:00 p.m., March 16 to 8:00 a.m., March 27
Awards Convocation	May 10
Last Day of Classes	May 11
Final Examinations	May 14-17
Baccalaureate and Commencement	May 20

Summer Session, 1990

Registration	June 11
First Term Classes	June 11-July 11
Second Term Classes	July 12-August 10



Milligan College

MILLIGAN COLLEGE,
TENNESSEE



Catalog
1990-1991

MILLIGAN COLLEGE

Milligan College, Tennessee 37682

(615) 929-0116

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Milligan College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate and Bachelors degrees. It is a Candidate for Accreditation to award the Master of Education degree.

Milligan College holds membership in the following accrediting agencies and professional organizations:

- American Association of Collegiate Registrars and Admissions Officers
- American Association of Colleges Teacher Education
- Appalachian College Consortium
- Christian College Coalition
- College Placement Council
- Council for Independent Colleges
- National Association of College and University Business Offices
- National Association of Independent Colleges and Universities
- National Association of Intercollegiate Athletics
- National Council for the Accreditation of Teacher Education
- Southern Association of Colleges and Schools
- Tennessee Independent Colleges Fund
- Tennessee Intercollegiate Athletic Conference

Milligan College does not discriminate on the basis of race, sex, color and national or ethnic origin.

Photographs by Brian Wallace, Andrea Smith and Milligan College Public Relations Department.

MILLIGAN
COLLEGE



NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866 Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as the means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire, Pardee Hall was built as a dormitory for men, Cheek Activity Building was constructed for recreational purposes, and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished. New patrons were sought for the College, the curriculum was expanded, and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently



disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and man.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been coeducational from the beginning of its history.

This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that Biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research.

Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

Mission Statement

Milligan College provides opportunities for education in Bible, arts, and sciences which are shaped by a Christian world view in order to (1) create an

environment dedicated to intellectual, spiritual, social, and physical development, (2) lead to selected professional and career possibilities, and (3) establish a community of inquiry, responsibility, and caring. Programs lead to associate, undergraduate, or graduate degrees, as well as provide for personal enrichment; they prepare men and women to participate in the necessary endeavors which will result in the accomplishment of the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical Biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of the life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

One of the main functions of education is to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if and when necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition.



All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods.

Any student without a roommate will be charged the private room rate unless no roommate is available.

An appliance fee of \$15.00 per semester will be charged for use of each high energy use appliance, such as refrigerators and air conditioners.

Telephone service is available in all residence hall rooms at a modest monthly rate. Students must provide their own telephones and calling cards for long distance calls.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These two-bedroom units are totally electric, including heating and air conditioning. All of the apartments are carpeted and unfurnished except for kitchen appliances. Additional information may be obtained by contacting the Student Development Office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the college name or involve the absence of the participants from the College must receive the official sanction of the college administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by

a Milligan student, whether on the campus or away, will subject the student to disciplinary action: suspension or expulsion.

4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco is discouraged for health reasons. The use of tobacco is restricted to designated areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities are attended by the faculty sponsor of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since the faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness.

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accident or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in inter-collegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health are also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided on campus each Sunday in Seeger Memorial Chapel and the Hopwood Memorial Christian Church and off campus in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in the Christian Service Club is open to all students. The aim of the club is expressed in the motto: "Fellowship of Christian Outreach." There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, and 7) gospel teams. The club sponsors informal vespers and discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each



class, four other representatives from each class (two female and two male), dormitory presidents, commuter president, and two commuter representatives. The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Barchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewald, Dr. Keith Schoville, Dr. Joseph M. Webb, Dr. Harold Hazelip, and Dr. Gerald Mattingly.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the proposed organization is in keeping with the purposes and philosophy of Milligan College.

Students preparing for careers in the healing arts are eligible for membership in the Pre-Med Club. The club serves to introduce students to the opportunities in the medical professions. Physicians and specialists in the medical and allied professions are invited to club meetings to discuss topics related to their work.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who are not majoring or minoring in science, but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and office administration majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. They also sponsor social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meetings on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to those on campus who need to borrow money.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

The International Awareness Club provides a unique opportunity for students from countries around the world and the United States to share together about different nations and cultures as well as our world as a whole.

Big Brother/Big Sister is an outreach ministry which works with area organizations to provide role models, temporary siblings, and above all, love!

The Student Hunger Committee promotes awareness of the universal problem of hunger. It works through organizations such as World Vision and Compassion International to raise concerns as well as funds to the benefit of those in need.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

There is also the opportunity to participate in the athletics program as a member of the Varsity Cheerleaders or the Milligan College Drill Team.

The intramural program of athletics is designed to encourage participation by all the students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and thirty-five

CAMPUS BUILDINGS



Seeger Chapel



Science Building



P.H. Welshimer Library



Steve Lacy Fieldhouse



John E. McMahan Student Center



Lowell W. Paxson Communications Center



Little Hartland



Derthick Hall

acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms and theatre located in this structure are the offices of the Academic Dean, the Dean of Students, and the Registrar.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and several faculty offices. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this center. Other offices in the building are those of the Director of Admissions, the Director of Financial Aid, and the Director of the Organizational Management program.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of more than 115,000 volumes and 400 current periodicals. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. Offices of the President and the Vice-President for Institutional Advancement are located on the second floor. This building also contains a computer lab and the law library.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire — 192 feet above ground level — overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and dramas. The main sanctuary-auditorium will seat 1300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

The Science Building was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 300-seat lecture hall, and several special-purpose rooms.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCor-

mick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The McMahan Student Center built in 1987 is a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals.

The Lowell W. Paxson Communications Center is located on the site of the former Student Union Building. It contains classrooms, editing rooms, a darkroom, and well equipped studios for both radio and TV productions. It was dedicated April 20, 1989 and was made possible through a gift from the Lowell W. Paxson Foundation.



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$20.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references. The Admissions Committee may also under certain circumstances request an interview.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 scale are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program, (AP), the College Level Examination Program (CLEP), DANTES, and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may after one semester reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissals with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Special Students

Special students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If the student satisfies the entrance requirements in full within two years from the time of admission, he or she may then become a candidate for a degree. Special student status must be granted by the Academic Dean at the beginning of each semester.
2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During

that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.

3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credit earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-immigrant alien students. Foreign students must present a TOEFL score of 550 and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book which they sign and officially become members of the Milligan Community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$3,066.00
Room Charges: Single	\$778.00
Double	\$653.00
Telephone Service (per person, double room) (optional)	\$38.00
Board	\$715.00
Student Activity Fee	\$41.00
Tuition for each academic hour over 17	\$181.00

A special schedule determines tuition for 1 to 11 hours.

A special schedule determines tuition for Evening College, Summer School, Organizational Management, and M.Ed. program.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees—Fees are subject to change without notice.

Materials for special courses:

Education 315, 316, 472.....	\$ 5.00
Education 434, 443.....	10.00
Science Laboratory Fee.....	20.00
Education 153.....	10.00
Secretarial Procedures.....	10.00
Language Lab Fee.....	10.00
Typing.....	10.00
Music 365, 367-8.....	5.00
Studio Art Fee.....	10.00
Art 311.....	5.00
Voice Class.....	20.00
Sheet Music Deposit.....	15.00
Directed Teaching Fee.....	40.00
Reading Lab.....	5.00
Computer 100, 104, 211, 212, 213, 215, 275, 280, 322, 341, 343, 411, 431, 495	
One Computer Class.....	20.00
Two Computer Classes.....	30.00
Three or more computer classes.....	35.00

Tuition Charges in Applied Music

One semester hour.....	\$50.00
Two semester hours.....	\$65.00

Practice Fee:

Organ.....	\$35.00 (1 hr.)	\$50.00 (2 hrs.)
Voice, Piano, and Instrumental.....	\$25.00 (1 hr.)	\$35.00 (2 hrs.)

Application Fee

An application fee of \$20.00 is required with the application for admission to the College. This fee is not refunded. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student will be charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee, each student, whether commuting or in the dormitory, will be expected to pay a \$50.00 prepayment on account, which will reserve a place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE MAY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee.....	\$28.00
Transcript fee—after first issue.....	2.00
Automobile registration fee (per semester).....	8.00

Late registration fee per day	5.00
Appliance fee in residence hall (per semester)	15.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions will be made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

I. Academic Management Services Budget Payment Plan

This plan allows for payment of college fees in ten convenient monthly payments commencing June 15. The cost of this plan is \$45.00 which includes Life Benefit Coverage. There are no other fees or interest charges. Information concerning this plan will be forwarded upon request.

II. Three Payment Plan

A down payment of one-half of the tuition, room and board (after deducting scholarships, grants, and financial aid), plus other class fees is to be paid by registration day. The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

All accounts will be charged 1% interest on the unpaid balance each month.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript will be issued until the student has satisfied all accounts with the College.

Students who have financial aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books will be charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$300.00 per semester.

Board

The cost of Board is \$715.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This price is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, there will be a 100% refund of tuition, room rent, and fees for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, will receive a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester will receive a 75% refund of tuition and room rent. There will be no refund of

fees. A student withdrawing between the fifteenth and thirtieth days of the semester will receive a 50% refund of tuition and room. There will be no refund of fees. An exception will be made for illness, in which case the refund period will be extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit will be given for scholarship or grant-in-aid.

There will be no refund of tuition and room rent after the thirtieth day. In all cases a student will be charged only a pro rata share of board based on the number of days enrolled. This policy will be applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures will result in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar day of the term. This policy will be applied proportionately to courses of shorter duration than a full semester.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered and if financial need is demonstrated, Milligan will attempt to meet a portion of that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, a Milligan Work/Study Application, and an application for Federal Student Aid on any of the following applications: Family Financial Statement (FFS) from the American College Testing, Financial Aid Form (FAF) from the College Scholarship Service, Application for Federal Student Aid (AFSA) from the U.S. Department of Education, Pennsylvania Higher Education Assistance Agency (PHEAA) or the Illinois State Scholarship Commission (ISSC). Only one of the above applications is necessary. The Milligan applications can be obtained from the Financial Aid Office at Milligan, and the applications for Federal Student Aid can be obtained from Milligan or a high school counselor.

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

Pell Grant

Supplemental Educational Opportunity Grant

State Student Incentive Grant—for residents of Tennessee, Pennsylvania and Vermont.

Campus Employment

Various campus jobs are available to students. The wages vary, but students work an average of ten hours per week. Milligan offers the following work programs:

College Work/Study Program

Milligan College Work Program

Loans

Several low-interest, government-subsidized loans are available. Most are not to be repaid until the student leaves school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan

Stafford Student Loan

Tennessee Teacher Loan/Scholarship—Tennessee residents only.

Parents Loan for Undergraduate Students (PLUS)

Supplemental Loans for Independent Undergraduate Students (SLS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		Enhanced ACT Score	Amount of Award	GPA Needed to Retain Award
Men	Women			
1475 and up	1461 and up	35-36	Basic Tuition	3.5
1393-1474	1378-1460	33-34	75% of Tuition	3.3
1269-1392	1253-1377	30-32	50% of Tuition	3.1
1186-1268	1170-1252	28-29	25% of Tuition	2.8
1104-1185	1087-1169	26-27	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation and an essay on an assigned topic. A minimum Enhanced ACT of 20 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. A GPA of 2.5 is required to retain the award for all four years.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$2,000 for a two year period are available to students who graduate from a high school within the counties listed. An Enhanced ACT of 19, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years a 2.0 GPA is required.

Upper Division Area Scholarships are given to upperclassmen in each academic area. Awards are based on the student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Women's Volleyball, Women's Softball, Women's Basketball, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Lula Kildy Scholarships are awarded to students who have academic potential and financial need.

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Mr. and Mrs. W.B. Stump Scholarships are awarded to students with academic promise and financial need.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the F.L. Broyles Memorial Scholarships, the Sylvester Hughes Memorial Scholarships, the Roy G. True Memorial Scholarship, the Genenieve Ross Lawson Scholarships, and the Donald Galley Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Harold W. Scott Memorial Scholarship and the Dessie Maddux Memorial Scholarships are awarded to outstanding ministerial students who demonstrate financial need.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding business major who demonstrates financial need.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

The Ralph Small Scholarship is awarded to one outstanding student in the area of communications.

The Lovelace Education Fund provides a scholarship for a native American Indian from the Cherokee reservation.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 32, or 35, and 10 USC106 Title 38 United States Code.

Payments will be made each month directly to the veteran. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Registrar's Office of Milligan College.

The Veterans Administration will provide counseling and vocational planning service for any veteran who needs this assistance.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Communications, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant Studies, Mathematics, Organizational Management, Psychology and Sociology. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours in psychology

Health & Physical Education 101 and one additional hour of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Theatre 101 or an acceptable substitute

Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Students are required to take a test covering general knowledge during their sophomore year.

Graduating seniors are required to take a test covering their knowledge in their major field of study.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science degree requires 65 semester hours and is conferred in the field of Office Administration. A student seeking the A.S. degree must complete not fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into College, provided these requirements are met within six years; otherwise they will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. If a student has more than four unexcused absences, eligibility to return to Milligan for the next semester will be forfeited.

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student will necessarily be affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4½ week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, courses are offered during the evening. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Academic Dean. In addition a degree completion program is described on page 74.

Advisers

All students entering Milligan College are assigned a faculty adviser. At the beginning of the junior year a student automatically becomes the advisee of the chairman of the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she will select a field of work for concentrated study. This selection will ordinarily be made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible/Ministry, Biology, Business Administration, Chemistry, Christian Education, Communications, Computer Science, Elementary Education, English, Family Ministry, Health Care

Administration, Health and Physical Education, History, Human Relations, Humanities, Legal Assistant Studies, Mathematics, Missions, Music, Organizational Management, Psychology, Sociology and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student will select one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Art, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, English, French, German, Health and Physical Education, History, Human Relations, Mathematics, Music, Music & Theatre Arts, Office Administration, Philosophy, Physical Science, Psychology, Sociology, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A = 4.0 quality points	D+ = 1.3 quality points
A- = 3.7 quality points	D = 1.0 quality points
B+ = 3.3 quality points	D- = .7 quality points
B = 3.0 quality points	F = 0.0 quality points
B- = 2.7 quality points	S = Satisfactory—not computed in grade point average.
C+ = 2.3 quality points	U = Unsatisfactory—no quality points.
C = 2.0 quality points	W = Withdrawn.
C- = 1.7 quality points	

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students will be evaluated in the basic skills of reading, writing, and mathematics. Proficiency in these basic skills will be a requirement for graduation. Services will be provided to help students attain this proficiency (see *Learning Skills*).

Those students electing the education profession will be required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see *Education Area*).

The College Level Examination Program and DANTES are available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

The Miller Analogies Test is available upon request for those entering graduate studies.

Other testing services (i.e., occupational) are available for a minimal fee for those interested.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved by the Registrar prior to enrollment. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's List is composed of students whose semester grade point averages were 3.50 to 4.00.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average will be placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see page 20).

Milligan College is seriously concerned that every student who enters the College makes progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extracurricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; and rising juniors and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar will issue to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar will issue grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman; sophomore, 26 hours; junior, 58 hours; senior, 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan will be furnished only upon the request of the student.

One transcript will be issued to each student without charge; subsequent transcripts will be issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled financial obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the Dean, the student is expected to meet all obligations involving instructors, fellow students, Deans, Dormitory Residents, Business Manager, and Registrar.

Students who leave the College without fulfilling these obligations will receive "F's" in all courses in which they are enrolled and will forfeit any returnable fees which may have been paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (except Bible 123, 124; Humanities 101, 102, 201, or 202) anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term will be evaluated with the grade "W." Classes dropped after mid-term will be evaluated with the grade of "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power in thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree will be conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

Completion of six semesters or ninety hours in residence in Milligan College.

Fulfillment of all general education requirements and completion of a minor.

Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

The dual-degree program enables students to enjoy advantages of the distinctive ministries of two colleges. Students completing specified degree programs in Great Lakes Bible College are able to complete teacher certification requirements while qualifying for the Milligan degree. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three-year program at Milligan may receive the baccalaureate degree from Milligan and the engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a cooperative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four-year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College will include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University. Interested persons should contact the Office of the Academic Dean or the nursing adviser.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina, and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee

licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

(1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.

(2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A University based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five-year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year, a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school.

For additional information contact the Chairman, Area of Scientific Learning.

Home Economics Education

A program leading to the Bachelor of Science Degree in Home Economics Education is available through a cooperative program between Milligan College and the Home Economics Education Department at East Tennessee State University. Students who elect this program complete the freshman and sophomore years at Milligan and then transfer their accumulated credits to E.T.S.U. Upon the successful completion of the junior and senior years, the University awards the degree.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester will receive the following credits.

POLITICAL SCIENCE

360. The Presidency—See Political Science 360.

361. Domestic Politics—See Political Science 361.

370. International Affairs—See Political Science 370.

ECONOMICS

360. The U.S. Economy—See Economics 360.

FIELD WORK

491. Field Work—See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level. Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries	Missions
Religion	Bible
Religious Education	
Family Ministry	

Area of Professional Learning

Education
Economics Business Administration
Office Administration Accounting
Health & Physical Education
Computer Science Legal Assistant
Organizational Management

Area of Humane Learning

Music	Art	English
French	Greek	Spanish
German	Hebrew	
Humanities	Speech & Theatre Arts	Philosophy
	Communications	

Area of Scientific Learning

Biology
Physics Chemistry
Mathematics

Area of Social Learning

History
Psychology Sociology
Human Relations Geography
Political Science

THE LEARNING SKILLS LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Learning Skills Laboratories in mathematics, writing, and reading give students the opportunity to become more proficient in these areas. For those students whose admissions tests show a significant need, the appropriate labs become graduation requirements. The labs are open also to other students who realize that basic skills will aid their college success. Programs for all participating students are individualized to meet their specific needs.

Learning Skills 090 Mathematics—see Mathematics 090.

Learning Skills 091 Reading—see Humanities 091.

Learning Skills 093 Writing—see Humanities 093.

These hours do not count toward the 128 hours required for a degree.



Area of Biblical Learning



Dr. William C. Gwaltney, Jr., Chairman

BIBLE/MINISTRY

The Bible, the written revelation of God to mankind, is central to the curriculum in Milligan College. The Bible is not only a treasury of the world's literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting—geographical, cultural, linguistic, social—of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the biblical courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible/Ministry consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 250 for two hours, 273, 276 or an acceptable Christian Ministries option that augments the student's vocational objectives, and 491 for two hours.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in Biblical Studies is available only to those who are also majoring in Elementary Education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

123. **Old Testament Survey**—An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**—A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**—A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.

202. **The First Century Church (Acts)**—An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. **Institutions of Israel**—A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**—A study of the history and techniques of archaeology in the biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Three semester hours.
- 301-302. **The Prophets**—A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
321. **Prison Epistles**—An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**—An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**—A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. **Apocalyptic Literature**—A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.
- 351-352. **The Pentateuch**—A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
411. **Corinthian Correspondence**—A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.
412. **Romans and Galatians**—A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.
422. **Intertestamental Literature**—A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
452. **General Epistles**—A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.
471. **Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.

CHURCH HISTORY

341-342. **Church History**—See History 341-342.

431-432. **Reformation of the Nineteenth Century**—See History 431-432.

CHRISTIAN MINISTRIES

The program in Christian Ministries seeks to prepare people for service in specialized areas of Christian leadership. Preparing for service in churches is a primary focus, so most courses include involvement with a congregation. This program serves as adequate preparation for entry level service in Youth Ministry, Christian Education, and a wide variety of other options as well as graduate or seminary studies. Every major in the area of biblical studies is designed to include some of these courses so that the theoretical may become practical and every Christian will be encouraged to serve in the Church.

The Christian Education major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 304, 308, and 491 for two hours.

The Youth Ministry major consists of three hours of Old Testament electives, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 318, 321, and 491 for two hours.

The minor in Christian Education includes three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either 304 or 308.

The minor in Youth Ministry requires three hours of Old Testament electives, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either 318 or 321.

The Christian Ministry minor requires three hours of Old Testament electives, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

217. **Introduction to Youth Ministry**—A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This includes some practical experience and is intended both for those planning a career in youth ministry and those preparing for better church service. Three semester hours.
250. **Practical Ministries Colloquium**—A six-semester cycle of seminar-based discussions and field trips focusing on practical aspects of ministry. Consideration is given to the general areas of worship, pastoral care, ethics, administration, missions/evangelism, and sacramental theology. Open to anyone interested in ministry. One-half hour per semester.
261. **Introduction to Christian Education**—A survey course introducing the student to the total program of Christian education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.
270. **Introduction to Christian Missions**—A study of the biblical and theological basis for missions, pointing out the implications of

ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.

271. **History of Christian Missions**—A survey of the history and progress of missions since the beginning of Christianity. Three semester hours.
273. **Introduction to Ministry**—A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.
276. **Homiletics**—A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.
304. **Materials and Methods of Christian Education**—A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expression groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education**—A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
318. **Materials and Methods of Youth Ministries**—A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
321. **Leadership Development Seminar**—An interdisciplinary course in Bible and Social Learning. It is mandatory for the Youth Ministry major and is designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
375. **Narrative and Story-Telling**—The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observation. Two semester hours.
415. **Studies in Contemporary Evangelism**—A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.
460. **Family Ministry**—An exploration of the relationship between the church and the family with the aim of developing an approach to enhancing the relationship between those two institutions. Topics include the practical theology of family ministry, an overview of certain relevant Christological themes, a consideration of the nature of the Christian community, a consideration of the relationship between the family and the church, and specific suggestions with regard to developing a family ministry program for the local congregation. Four semester hours.

491. **Practicum in Ministry**—Involvement in ministry either in a local congregation or a mission field under approved supervision and involving adequate evaluation. Arrangements are to be made through the Bible Area Chairman. One to three semester hours. **Note:** This requirement is normally met during a term of not less than eight weeks during the summer following the junior year at a location other than the student's home.

RELIGION

350. **Comparative Religions**—A comparative investigation of the structure and content of primitive, ancient, and contemporary religions of man. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
351. **Philosophy of Religion**—See Philosophy 351.
421. **Sociology of Religion**—See Sociology 421.
450. **Psychology of Religion**—See Psychology 450.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in Family Ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree.

There is no Family Ministry minor, and no minor is required for majors in this program.

The following curriculum is required:

Old Testament	6 hours
New Testament	6 hours
History 341, 342, 431	8 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Christian Ministries 250	2 hours
Christian Ministries 460	4 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours
Sociology 321 or 413	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 491	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is purposely rooted in the area of biblical learning since an understanding of the universe and one's own place in it is predicated upon an understanding of God's purposes for mankind as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines—Bible and Sociology—which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 491) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The missions major is available only as a Bachelor of Arts degree.

There is no Missions minor and no minor is required for majors in this program.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	4 hours
Christian Ministries 250 Practical Ministries Colloquium	2 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 491 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements—Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives—The following courses are recommended.

Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	



Area of Humane Learning



Dr. Richard Phillips, Chairman

Human achievement in the arts of thought and expression is one of the major studies in a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, theatre arts, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of communications, English, music, and humanities. A minor may be taken in art, church music, communications, French, German, English, Spanish, philosophy, music and theatre arts.

ART

The art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other courses listed below.

- 203. **Visual Composition**—Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. (Students needing two hours of credit in fundamentals of art for teaching certification may register for two hours. They finish the course in approximately two-thirds of the semester.) Two or three semester hours.
- 237. **Basic Photography**—An introduction to the 35 mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.
- 250. **Drawing Studio**—A class for either the novice or the experienced student. Students cover perspective solving, still life, the human figure, the human skeleton, landscape, portraiture, and a study of the masters. Offered alternate years. Three semester hours.
- 290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. Offered in intersession and summer. One to three semester hours.

311. **Art for Elementary Teachers**—Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.
337. **Photojournalism**—An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Offered alternate years. Three semester hours.
340. **Graphic Design**—A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Offered alternate years. Three semester hours.
350. **Painting Studio**—Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the student master the painting medium through working in still life and landscape and through copying the masters. Prerequisite: Art 203 or 250. Offered alternate years. Three semester hours.
375. **Studio Workshop**—An open studio course especially designed for the student interested in pursuing an art project. One to three semester hours.
490. **Independent Study**—Independent work for junior or senior art minors in an area of the student's interest. The student's program is under the supervision of the art professor. This course is offered primarily in intersessions and summer terms. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. Offered alternate years. One to three semester hours.

COMMUNICATIONS

The major in communications prepares students for careers in the varied fields of oral and print communication. Each course and speciality within the major seeks to help students understand and analyze all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen careers as professional communicators.

The major in communications may be a B.A. program which will require completion of a foreign language through the intermediate level. The student may elect the B.S. degree which will require Mathematics 213 and Computer Science 100 and 275.

In addition to the twenty-one hours of core courses, a student must also complete twelve hours in one of the following specialities: Public Relations/Advertising, Broadcasting/Aural-Visual, Journalism, or Organizational Communications.

The minor in communications requires Communications 101, 201, 203, 205, and six hours of electives.

Required Core Courses

Communications 101
Communications 201

Communications 203
Communications 205

Communications 491

plus

two of the following

Communications 301
Communications 303

Business Administration 361
Business Administration 421

SPECIALTIES

**Public Relations/
Advertising**

Com. 311
Com. 315
Com. 411
Com. 415

**Broadcasting/
Aural-Visual**

Com. 323
Com. 325
Com. 421
Com. 425

Journalism

Com. 331
Com. 335
Com. 337
Com. 431

**Organizational
Communications**

Com. 341
Com. 345
Com. 441
Com. 445

101. **Introduction to Mass Communications**—A survey of the history, structure, and processes of the American media system, including newspapers, magazines, radio, and television. The course also includes an introduction to newer forms of mass media, including a look into the future of such things as satellite, cable, and laser technologies and how they impact the media system. Three semester hours.
201. **Principles of Interpersonal Communication**—An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.
203. **Introduction to Visual Communication**—A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.
205. **Writing for Public Media**—An introduction to and practice in writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of newswriting itself. Three semester hours.
301. **History and Philosophy of American Media**—An in-depth examination of the origins and development of the American media system and its place in the overall economic and political system. Special attention is given to the ways in which competing philosophies have shaped the contemporary media. Three semester hours.
303. **Law of Mass Communication**—A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel, journalists' privilege, and obscenity law. Three semester hours.
311. **Public Relations Practices**—An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public

relations within the media system as well as in the American social and political economy. Three semester hours.

315. **Media Advertising and Sales**—An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements will be evaluated and critiqued, and the process by which advertising is developed and presented will be included. Three semester hours.
323. **Fundamentals of Production**—An introduction to the process of producing programs for use in audio-visual media, whether for “limited” in-house use or for broadcasting. Practice is given in every step of the production process, from idea conception and program development, through script writing and taping. Three semester hours.
325. **Writing for Aural-Visual Media**—An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite: Communications 205. Three semester hours.
331. **News Gathering and Reporting**—An introduction to the process of gathering and writing news which can be applied to either print or broadcast news. Attention is given to the differences involved in news handling of the two media types. Intensive practice is given in writing news for print and broadcast. Prerequisite: Communications 205. Three semester hours.
335. **News Editing and Newspaper Production**—A study of the fundamentals of editing combined with the processing of edited materials through their production into print. Included are the newer forms of technology and how they affect the newspaper editing and production functions. Three semester hours.
337. **Photojournalism**—An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisite: Communications 203 and Art 237. Three semester hours.
341. **Principles of Organizational Communication**—An overview of organizational communication and the role that it plays in the American system. Attention is given to the nature of leadership, to organizational structure in business and industry, and to the processes by which complex tasks are carried out. Three semester hours.
345. **Dynamics of Group Communication**—The study of how groups and collectivities of people organize and maintain themselves. The course includes a study of theories in group dynamics as well as an examination of why groups sometimes fail. Three semester hours.
411. **Public Relations/Advertising Campaigns**—An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisite: Communication 311 and 315. Three semester hours.
415. **Public Relations/Advertising Research**—A survey of major forms of research and audience-information gathering on which media sales

and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as practice in audience surveying. Prerequisite: Communications 311 and 315. Three semester hours.

421. **Advanced Production**—Supervised practice in the production of programs for broadcast or use in aural-visual settings. Production is planned and carried out for group work within the context of the course. Prerequisite: Communications 323. Three semester hours.
425. **Seminar in Broadcasting**—An advanced study of the role and future of broadcasting or aural-visual media in American society. Particular attention is given to the changing nature of the industry and to its occupational requirements. Prerequisites: two courses in Broadcasting Specialty. Three semester hours.
431. **Advanced Reporting and Writing**—Practice given in specialty forms of print journalism, including feature writing and public affairs reporting. Prerequisite: Communications 331. Three semester hours.
441. **Leadership**—The study of various styles of leadership in organizational structures. Types of leaders are evaluated in terms of various kinds of organizations—voluntary, public, and private. Role playing is utilized to simulate organizational problems that call for leadership. Three semester hours.
445. **Advanced Organizational Theory**—A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
491. **Field Work**—A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level theatre arts courses may be applied to an English major.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

211. **Special Studies in Literature**—A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writings. Not applicable toward the English major or minor. One or two semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. **Survey of American Literature**—A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**—Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Offered alternate years. Three semester hours.
312. **Introduction to Linguistics**—A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
313. **History of the English Language**—A survey of the development of the English language from its origins to the present. Offered alternate years. Three semester hours.
354. **Children's Literature**—A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
355. **Adolescent Literature**—A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.
361. **Novel**—A study of the history and development of the novel as a literary type with special emphasis on the British novel and the American novel. Offered alternate years. Three semester hours.
402. **Short Story**—A study of the development of the short story with some attention to creative writing. Three semester hours.
- 411-412. **Contemporary Literature**—A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
430. **Medieval Literature**—A study of medieval English literature from *Beowulf* to *Morte d'Arthur* along with two background documents from Plato and Boethius. Three semester hours.
432. **Restoration and Eighteenth Century Literature**—A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Offered alternate years. Three semester hours.

434. **Romantic Movement**—A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Offered alternate years. Three semester hours.
435. **Victorian Period**—A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Offered alternate years. Three semester hours.
460. **Elizabethan Drama**—An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Offered alternate years. Three semester hours.
461. **Jacobean Drama**—An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
462. **Renaissance Poetry and Prose**—Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Offered alternate years. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in Foreign Language is available only to those who are also majoring in Elementary Education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 35).

FRENCH

The minor in French will consist of eighteen semester hours beyond the level of French 111-112.

- 111-112. Elementary French**—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**—The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of French Literature**—A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**—A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.
- 489. Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German will consist of eighteen semester hours beyond the level of German 111-112.

- 111-112. Elementary German**—The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**—Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a

thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition—Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature—A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

489. Directed Readings—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies—A program of readings and conferences which provides for individualized study. One to three semester hours.

GREEK

111-112. Elementary Greek—A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.

221-222. Intermediate Greek—The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

331-332. Advanced Greek Readings—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

111-112. Modern Hebrew—Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Hebrew—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish will consist of eighteen semester hours beyond the level of Spanish 111-112.

111-112. Elementary Spanish—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

- 211-212. Intermediate Spanish**—The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 312. Survey of Spanish-American Literature**—Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow Milligan students to pursue an interdisciplinary course of study to fulfill the aims of the Area of Humane Learning. Although the major is not structured as a preprofessional course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible.

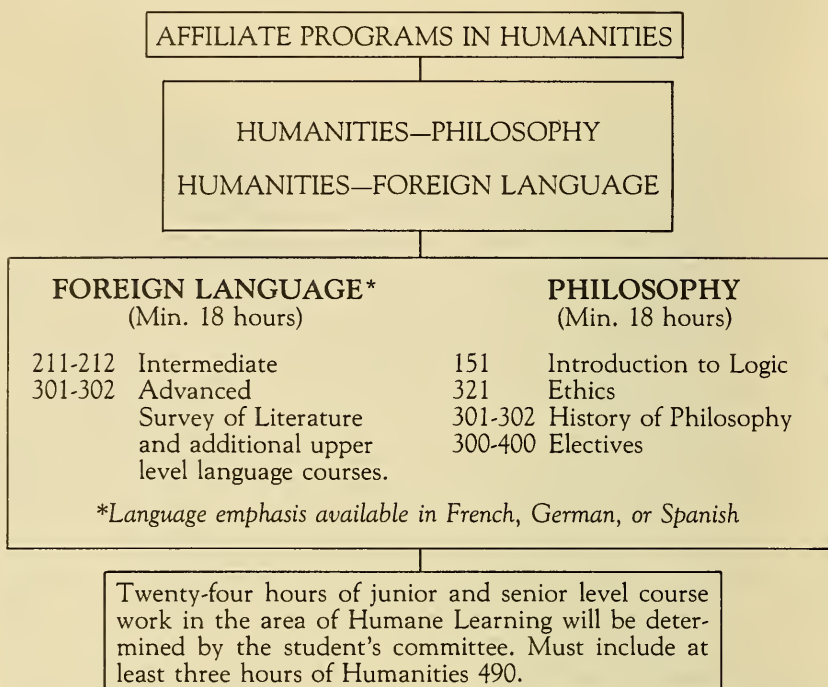
Each student majoring in humanities works with an advisory committee selected from the humanities staff to design a program to meet the needs and desires of the individual student.

Students majoring in humanities are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

- 091. Reading Laboratory**—A direct and practical approach to reading skills (i.e., study-reading techniques, comprehension, speed reading), individualized to the needs of each student. Not applicable toward any major or minor. Two semester hours.
- 093. Writing Laboratory**—A course providing extra instruction for students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.

100. **Introduction to Humanities**—An introductory study of literature and history using an integrated approach to the subject matter. Special attention is given to improving the basic skills needed to master content material in the study of humanities. May be required of some students as a prerequisite to Humanities 101. Three semester hours.
- 101-102. **Humanities**—An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
200. **Humanities European Study Tour**—A study tour of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.
- 201-202. **Humanities**—A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.
- Note:** Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
490. **Reading and Research in the Area of Humane Learning**—An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.





AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for a primary area of concentration and must complete applied Level VIII requirements and present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled

in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music discussed above. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition the music student wishing to certify to teach shall take Music 451, 452, and Education 230, 317, 404, 407, and 461.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates will be trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The church music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required.

The general music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

The Music and Theatre Arts minor is composed of Music 101 for one hour, 111 for two hours, 143, 145, 365; Art 203; and Theatre Arts 141 and 341.

Hearings for senior recitals will be held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration will be required to take voice class but will not be required to pass a voice proficiency.

PIANO

101. **Piano (as an elective)**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 102, 103-202, 203. **Piano (as a secondary concentration for music majors and minors)**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 104, 105-304, 305. **Piano (as a principal concentration for music minors)**—Preparation toward attainment of Level VI and completion of proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

- 106, 107-406, 407. **Piano (as a principal concentration for music majors)**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
208. **Piano Proficiency (for music majors)**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
308. **Piano Proficiency (for music minors)**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
309. **Piano Recital - (junior level)**—One half-hour performance. No credit.
409. **Piano Recital - (senior level)**—One hour performance. No credit.

VOICE

110. **Voice Class**—A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
111. **Voice (as an elective)**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 112, 113-212, 213. **Voice (as a secondary concentration for music majors and minors)**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 114, 115-314, 315. **Voice (as a principal concentration for music minors)**—Preparation toward attainment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.
- 116, 117-416, 417. **Voice (as a principal concentration for music majors)**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
218. **Voice Proficiency (for music majors)**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
318. **Voice Proficiency (for music minors)**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

319. **Voice Recital - (junior level)**—One half-hour performance. No credit.

419. **Voice Recital - (senior level)**—One hour performance. No credit.

ORGAN

121. **Organ (as an elective)**—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.

122, 123-222, 223. **Organ (as a secondary concentration for music majors and minors)**—Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

124, 125-324, 325. **Organ (as a principal concentration for music minors)**—Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour.

126, 127-426, 427. **Organ (as a principal concentration for music majors)**—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.

228. **Organ Proficiency (for music majors)**—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.

328. **Organ Proficiency (for music minors)**—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

329. **Organ Recital - (junior level)**—One half-hour performance. No credit.

429. **Organ Recital - (senior level)**—One hour performance. No credit.

INSTRUMENTAL

Instrumental Instruction. Individual instruction in orchestral instruments is available through ETSU (see page 35).

THEORY

041. **Music Theory Fundamentals**—A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.

143-144. **Basic Music Theory**—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. **Basic Ear Training**—A freshman course covering identification, sightsinging, and dictation. One semester hour each semester.

243-244. **Advanced Music Theory**—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

- 245-246. Advanced Ear Training**—A sophomore course in advanced study of material similar to 145-146. One semester hour each semester.
- 347. Form and Analysis**—A study of major forms of music. Two semester hours.
- 348. Orchestration and Arranging**—A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

METHODS AND SEMINARS

- 351. Music in the Elementary School**—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 451. Methods and Materials for Elementary Music**—A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**—A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.
- 456. Seminar**—Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.

CONDUCTING AND HISTORY

- 161. Congregational Song Leading**—Practical experience in learning how to direct effective congregational singing through discussion, reading, practice, and performance. Designed for non-music majors. One semester hour.
- 363. Basic Conducting**—A study of conducting patterns, elements of interpretation, and practice in sightsinging. Prerequisite: Music 143 and 145. Two semester hours.
- 364. Advanced Conducting**—Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 365. Understanding Music**—Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 367-368. Music History and Literature**—A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 369. Hymnology**—A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

181. **Milligan Men**—An ensemble of selected voices studying representative literature. One semester hour.
182. **Women's Ensemble**—An ensemble of selected voices studying representative literature. One semester hour.
183. **Handbells**—An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.
184. **Concert Choir**—A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.
185. **Symphonic Wind Ensemble**—An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.
186. **Chamber Singers**—A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.
187. **Madrigal Productions**—A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. Fall semester only. One-half semester hour.
189. **Orchestra**—Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

COMPREHENSIVE EVALUATIONS

199. **Freshman Comprehensive**—A test of general music accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.
299. **Sophomore Comprehensive**—A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.
491. **Practicum in Church Music**—Applied music experience in an approved church music program. Two to six semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

301. **History of Philosophy (Ancient)**—A study of philosophy from the Greeks through Augustine. Three semester hours.

302. **History of Philosophy (Modern)**—A survey of the more important philosophical systems of the western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
321. **Ethics**—A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
350. **Comparative Religions**—See Religion 350.
351. **Philosophy of Religion**—A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THEATRE ARTS

The theatre arts minor consists of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.

101. **Fundamentals of Oral Presentation**—A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
141. **Fundamentals of Voice/Stage Movement**—A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCog-based mask work and introduction to stage dialects and stage combat. Three semester hours.
151. **Introduction to Theatre**—The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.
340. **Fundamentals of Directing**—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.

341. **Fundamentals of Acting**—A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
342. **Advanced Acting**—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
345. **Theatre Workshop**—An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. One to six semester hours.
470. **Readings in Drama**—A concentrated program of readings in drama designed to provide a solid repertory for the beginning dramatist. Prerequisite: Six hours in Theatre Arts. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



A scene from the Milligan production of Oedipus Rex.

Area of Professional Learning

Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen

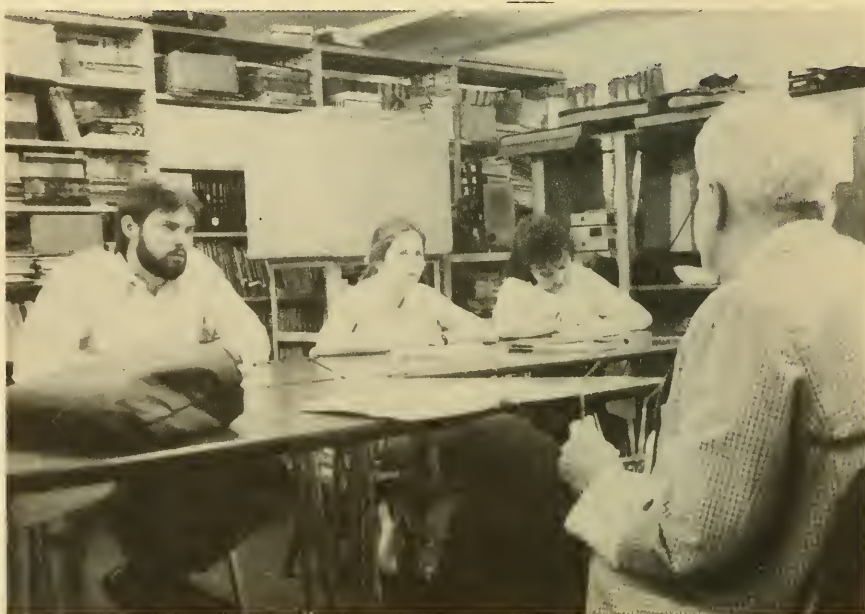


The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, education, and the legal assistant studies are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (controllershship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.



The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311-312, 411 or 415, and three semester hours of electives at the junior or senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level.

211-212. Introductory Accounting—An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting—A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting—A study of the use of accounting information for managerial decisions with emphasis on the role of the controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312. Auditing—A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Offered alternate years. Three semester hours.

315. Not-For-Profit Accounting—A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

411-412. Federal Income Taxation—An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory—A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems—A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also has substantial

value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

- 491. Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree is offered with a choice of emphasis which will allow the student to complete a strong core curriculum in business, accounting, and economics and to have one of six specialties allowing for in-depth study in a specific field. A grade point average of 2.25 is required in the major.

REQUIRED CORE COURSES (24)

Economics 201-202
Accounting 211-212
Economics 301

Business Administration 315
Business Administration 361
Computer Science 280

EMPHASIS

General (9)

Any nine
hours of
Economics,
Business, or
Accounting

Marketing (9)

Bus. Adm. 304
Bus. Adm. 316
Bus. Adm. 363

Management (9)

Bus. Adm. 362
Bus. Adm. 375
Bus. Adm. 445

Economics (9)

Economics 304
Economics 403
Economics 451

Accounting (9)

Acct. 301-302
Acct. 311

Office Administration (11)

Office Adm. 351-352
Office Adm. 470-472

The business administration and economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 280, and six hours of business, accounting, or economics electives at the junior and senior level.

BUSINESS ADMINISTRATION

- 290. Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 304. Advertising**—A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Offered alternate years. Three semester hours.
- 315. Marketing**—A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 315L. Computer Projects in Marketing**—A computer applications laboratory focused on the major marketing decision areas using “What if” analysis. Must be taken with Business Administration 315. One semester hour.
- 316. Marketing Communications**—A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**—A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
- 331. Personal Marketing**—A survey of hiring practices in our economic system and a study of the practical approaches to locating one's self in the right type of position to facilitate reaching career objectives. Not applicable for any major or minor. One semester hour.
- 332. Management Information Systems (MIS)**—A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 212. Offered alternate years. Three semester hours.
- 361. Principles of Management**—A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**—A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 362L. Computer Projects in Personnel Management**—A computer applications laboratory focused on areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Must be taken with Business Administration 362. One semester hour.

363. **Industrial and Public Relations**—A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: 201-202 or permission of the instructor. Three semester hours.
375. **Small Business Management**—A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Three semester hours.
421. **Business Ethics**—A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.
445. **Advanced Organizational Theory**—A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. **Principles of Economics**—A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Corporate Finance**—A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
304. **Government and Business**—See Political Science 304.
360. **The U.S. Economy**—A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.

- 403. Money and Banking**—A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Offered alternate years. Three semester hours.
- 451. Comparative Economic Systems**—A comparative and analytical study of capitalism, socialism, and communism as they have developed in the countries whose economies they characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The computer science program at Milligan is designed to teach the relationship of the computer to the contemporary world. It is composed of courses in computer science, courses in computer applications science, and courses in the development of interpersonal skills.

Courses required for a major in computer science are Computer Science 211, 212, 215, 341, 343, 411, 431, and three hours of electives in computer science above the 100 level; Business Administration 421; Economics 201, 202; Math 213. Economics 201 and 202 and Math 213 will meet the general core requirements.

The minor in computer science consists of Computer Science 211, 213, 280, 341, 411, and three hours of electives in computer science; Business Administration 421; and Math 213. Math 213 will meet the general core requirement. A proficiency test is available for Computer Science 100 and 104 for those students who already have knowledge in these areas.

- 100. Computer Applications**—An overview of the computer as it can be used in our everyday lives. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a computer science major or minor. One semester hour.
- 104. Basic Programming**—An introduction to programming in BASIC with applications in business, science, social sciences, and education. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.
- 211. Programming I**—An introduction to all aspects of programming and the problem-solving process. A structured high-level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. Four semester hours.
- 212. Advanced Programming and Data Structures**—A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, graphics, and data structures. Topics will include lists, stacks, queues, linear structures, and trees. Laboratory use of a computer is an

integral part of the course. Prerequisite: Computer Science 211. Four semester hours.

213. **COBOL**—A study of programming techniques appropriate to the preparations of business oriented computer systems using the COBOL programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
215. **Introduction to Computer Systems**—An introduction to computer architecture and assembler language, including basic instructions, subroutines, control structures, data manipulations, input/output, program design, and block data operations. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 212. Four semester hours.
275. **Word/Information Processing**—A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also involves “hands-on” experience with a popular word processing package. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
280. **Special Topics**—A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
322. **Survey of Programming Languages**—A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 212. Three semester hours.
332. **Management Information Systems (MIS)**—See Business Administration 332.
341. **Systems Analysis and Design**—A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
343. **System Documentation**—A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Prerequisite: Computer Science 341. Two semester hours.
411. **Database Management**—A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 341. Three semester hours.
431. **Operating Systems**—A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multiprogramming and timesharing, command languages and JCL, libraries and linkage editors, and multiuser systems. Prerequisite: Computer Science 212. Three semester hours.

495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT STUDIES

The purpose of Legal Assistant Studies is to prepare students to function as legal secretaries or paralegals. The program may serve as the major in a baccalaureate program or for mature students with special needs as a certificate (non-degree program). The secretarial emphasis focuses upon computer, interviewing, and management/organizational skills as well as some legal content courses. The paralegal emphasis focuses upon legal content with prerequisite research, computer, and communication skills.

The Bachelor of Science degree requires the completion of thirty-three hours including Legal Assistant 110, 210, and 310 plus twelve hours of legal technical courses chosen from the following: Legal Assistant 320, 340, 350, 355, 360, 410, 420, and 430. Those choosing the secretarial program will select Office Administration 231, 331, Legal Assistant 491 for four hours, and either Computer Science 275 or Office Administration 470. Those choosing the paralegal emphasis will select Legal Assistant 491 for three to six hours and six to nine hours of law-related courses from the following: Business Administration 321, 322, 421; Sociology 311; Economics 301; or any accounting courses. In addition to the specific courses required in the major, the student must have Psychology 357, Computer Science 280, and a 3.0 in English composition. To continue in the program, the student must have a 2.50 grade point average at the beginning of the junior year and a 2.75 at the beginning of the senior year. The certificate program requires the completion of the major plus thirty hours of general education, including Bible 123 and 124. The student must have a 2.75 cumulative grade point average in order to receive the certificate.

110. **Introduction to the Legal Assistant Field**—A survey of the rise, development, and present status of the profession. Included are visits to law offices and courts and contact with paralegal associations and court officials. The course is designed to allow the student to gain an initial familiarity with the field. Two semester hours.
210. **Legal Research and Writing**—An introductory course in legal research, including the preparation of legal pleadings, complaints, motions, petitions, orders, judgments, and correspondence. Three semester hours.
310. **Litigation**—A consideration of the various aspects of pretrial and trial procedure including rules of the court procedure, pleadings, discovery, motions, pretrial conference, settlement, and conduct of the actual trial. Three semester hours.
320. **Domestic Relations**—A study of the legal forms and procedures involved in family law: divorces, legal separations, annulments, adoptions, support agreements and enforcement, property division, and related problems. Three semester hours.
340. **Business Organizations**—A consideration of the forms and techniques involved in the creation, management, and dissolution of corporations, partnerships, and joint ventures. Included are articles of incorporation, corporate charters, bylaws, requirements of initial meetings, stock subscriptions, and partnership agreements. Three semester hours.

350. **Torts**—A study of the legal concepts and procedures with which the paralegal must be familiar in order to assist the attorney in developing cases involving negligence, malpractice, and product liability. Three semester hours.
355. **Criminal Law for Legal Assistants**—A study of the role of the legal assistant in assisting the criminal lawyer in investigating, interviewing, researching, and organizing the case. Basic concepts of criminal law and the criminal justice system, to the extent such knowledge is necessary for a paralegal to function effectively, are also considered. Three semester hours.
360. **Real Estate Law**—The study of real estate law concepts, forms, and vocabulary. The student becomes familiar with real estate documents, title abstracting, real estate loans, and closing documents. Three semester hours.
410. **Estates, Wills, and Trusts**—A study of the legal requirements and forms of wills, basic estate planning, estate administration, and probate procedures. Also included are the creation of trusts and their administration and the requirements and procedures for handling state and federal estate and inheritance taxes. Three semester hours.
420. **Contract and Uniform Commercial Code Forms**—A consideration of the forms and requirements of a valid contract, with special emphasis on commercial forms such as security agreements, financing statements, perfection of security interests, and purchase and shipping agreements. Recommended prerequisite: Business Administration 321-322. Three semester hours.
430. **Debtor/Creditor Relations**—A consideration of the forms and procedures incident to Article 9 of the Uniform Commercial Code plus types of bankruptcy and their relevant forms and procedures. Three semester hours.
491. **Field Work**—Supervised field work in various law offices and legal agencies, designed to give the student broad exposure and initial practical competences. Three to six semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in the area of Office Administration:

A two-year Associate in Science degree program with a major in Secretarial Services.

A two-year Secretarial Services Certificate program.

A minor in Office Administration.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 100; Accounting 211-212; Economics 201-202; Office Administration 131, 132*, 143, 144*, 231, 243, 351, 352, 470, 472; Computer Science 275; three hours of electives in Office Administration, and three hours of general electives.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to acquire vocational competence in the setting of a Christian liberal arts

college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 100; Office Administration 131, 132*, 143, 144*, 231, 243, 275, 331, 351, 352, 470, 472; two hours of physical education activity courses; and twenty-two hours of general electives.

*NOTE: Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in Business Administration or Office Administration in place of Office Administration 131, 132 and/or 143, 144.

The minor in Office Administration consists of Office Administration 231, 275, 280, 351, 352, 470, and 472.

131. **Keyboarding**—Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
132. **Intermediate Keyboarding**—Format and typing of personal correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 gross words per minute typing speed. Two semester hours.
143. **Beginning Shorthand**—A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in writing shorthand. Three semester hours.
144. **Intermediate Shorthand**—A review and reinforcement of the basic principles of Gregg Shorthand. Speed building and accuracy are emphasized. Prerequisite: Office Administration 143. Three semester hours.
231. **Advanced Typing**—A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours.
243. **Advanced Shorthand**—Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours.
275. **Word Processing**—See Computer Science 275.
280. **Special Topics**—See Computer Science 280.
331. **Legal Office Typing**—A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules. Prerequisite: Office Administration 231. Three semester hours.
351. **Business English**—A review of English grammar and a study of the various types of business letters emphasizing the principles underlying effective business letters and providing practice in applying these principles. Three semester hours.

- 352. **Communications in Business**—A consideration of the principles of good business writing: clarity, conciseness, the “you-attitude,” and verbal precision. Two semester hours.
- 360. **Records Management**—A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to records management. Two semester hours.
- 470. **Administrative Office Management**—A study of systematic information processing and its role in administrative office management. Also included is an in-depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. **Secretarial Procedures**—An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 231 and 243. Three semester hours.
- 491. **Field Work**—A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.

ADULT EDUCATION PROGRAM IN ORGANIZATIONAL MANAGEMENT

Milligan College offers a degree completion program for adults twenty-five years and older who have completed sixty or more semester hours of college credit. The program includes a general education core of humanities, social and behavioral sciences, natural sciences, and Bible. Additional credit may be given for prior learning experiences. The program may be completed in fifty-three weeks. Classes are taught one evening per week in modules of five to six weeks each; a sequence of these modules is begun periodically throughout the year.

The degree in Organizational Management prepares the student for leadership in both for-profit and not-for-profit organizations by providing knowledge of management, communication, modern world commercialism, social psychology, ethics, and biblical and cultural studies.

Courses are listed in the order in which they are taken.

- 301. **Adult and Professional Development**—An examination of adult learning theory and learning styles. Professional development is analyzed in terms of needs, goals, lifestyles, and future career trends. One semester hour (three weeks).
- 310. **Interpersonal Communication**—A study of the role of interpersonal communication in professional and personal relationships. Such skills as listening, attitude development, conflict resolutions, and problem solving provide the focus for reading and practice. Three semester hours (six weeks).
- 313. **Statistical Methods and Research**—A study of problem analysis and evaluation techniques. Basic statistical methods are applied to specific research projects. Three semester hours (five weeks).

- 460. Senior Thesis - Part I**—A project which provides students the opportunity to use library resources, including a computerized literature search, in preparation for a major research project. Each student analyzes a problem in the business/organizational environment. Part I includes the conceptualization of the problem and the application of the appropriate research methodology to examine possible solutions. Two semester hours (three weeks).
- 410. Group and Organizational Behavior**—A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolutions. Three semester hours (five weeks).
- 415. Economic Environment of Management**—An examination of the economic framework in which financial and business management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payments deficits, and unemployment. Three semester hours (five weeks).
- 361. Principles of Management and Supervision**—An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours (six weeks).
- 363. Human Resources Administration**—An exploration of the policies of recruitment, selection, training, development, and compensation of employees. Attention is given to Affirmative Action, Equal Employment Opportunity, and Office of Safety and Health Administration legislation. Three semester hours (five weeks).
- 421. Ethics: Social/Business/Personal**—A study of ethical theories and their application to business, social, and personal values. The experience provides students the opportunity to formulate or clarify a philosophy of life and a personal ethic for decision-making in the workplace. Three semester hours (five weeks).
- 471. Christ and Culture**—A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Three semester hours (six weeks).
- 461. Senior Thesis - Part II**—A continuation of Module 5 focusing upon the solutions to the research problem and the details of implementation. Four semester hours (three weeks).

EDUCATION

The program of teacher education is designed to serve students who wish to be licensed for teaching elementary, secondary, early childhood, and/or exceptional children. Education courses also give the Christian education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters students complete fifteen weeks of full-time student teaching and attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Milligan College students make application for Teacher Education while enrolled in the Introduction to Teaching class. Students must have a 2.5 grade point average, complete the Pre-Professional Skills Test (PPST) with Tennessee approved scores, and be accepted by an admission board for full admission to teacher education. Students who have at least a 2.25 grade point average and have passed at least two of the PPST subtests may have provisional admission. The PPST is given each semester. Students with an Enhanced ACT score of 22 or an SAT score of 990 may be exempt from taking the PPST.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw any time before completion.

Licensure

Milligan offers curricula for licensure issued by the State of Tennessee for elementary teachers, secondary teachers, special education teachers, and early childhood teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to licensure in many states throughout the nation.

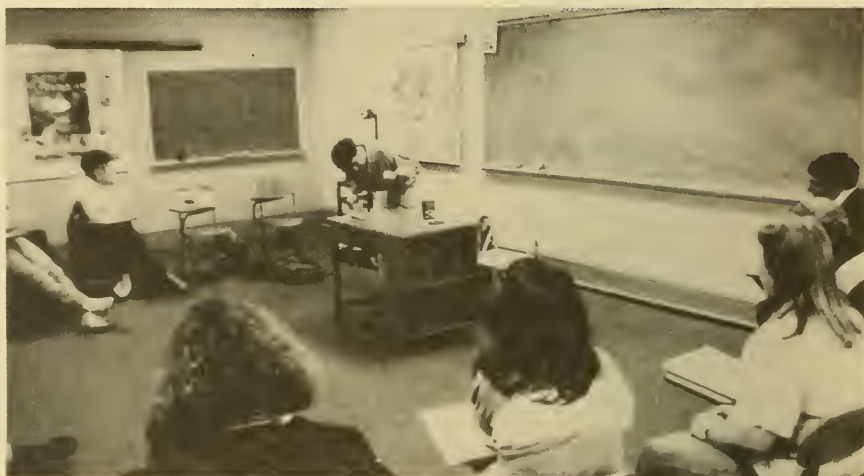
National Teacher Examination

Students in the teacher education program will be required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 153, 407 or 408, and Psychology 252. Elementary education students should have completed methods courses, and secondary students should have completed Education 471. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only fifteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education will ask for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.



The student teaching experience consists of orientation classes and a fifteen week experience in an assigned school. The students will observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.

Special Arrangements of Education Courses

Elementary Education students should plan to enroll simultaneously in three courses: Education 315, 316, and English 354. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive time of instruction, a time for a clinical diagnosis and teaching of one child with reading problems, and a time to work with a reading group in the school.

Elementary Education Major

The Elementary education major prepares the student to teach in grades K-8. The student will select a specialty with either an early childhood grade emphasis or a middle grade emphasis. Elementary education majors will take general education requirements: Bible 123, 124, 471; Theater 101; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; Geography 201 or 202; Sociology 201; Health and Physical Education 101 and one hour of Physical Education activities.

The elementary education major consists of Math 103 and 104; Art 311; Health and Physical Education 111 or 411 and 303; Biology 350; Music 351; English 354; History 309 and 310; and Education 102, 153, 315, 316, 407, 451, and 452.

Students completing the elementary education major must also complete an area of concentration. Areas of concentration for elementary education early childhood emphasis or middle childhood emphasis are as follows. The Child Development concentration consists of Education 444; Sociology 303; Psychology 250, 259, 353, 357, 404, and an elective in psychology. This concentration is available only to those with an emphasis in early childhood. The Bible Studies concentration consists of Bible 201 and 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303; and 12 hours of electives from Sociology, Psychology, Economics, History, Geography, or Political Science with no more than six hours of the electives in the concentration from one field. The Mathematics concentration consists of Math 111, 112, 211, 213, 304 and Computer Science 104. The Science concentration includes Biology 360 and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 150, 151, 170, 171; and Physics 203, 204. Both biology and physical science should be represented in this choice. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary Education students have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for licensure in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the licensure will also complete an academic major and an academic minor. The following areas are licensure endorsement areas: Biology, Business, Chemistry, Economics, English, General Science, History, Mathematics,

Psychology, Sociology, French, Spanish, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, licensure in secondary education requires completion of the following: Mathematics 107 or 213 and professional education courses including Education 102, 153, 252, 408, 451, 452, and 471. An English major must complete Education 317.

K-12 Curriculum

Music, Health, and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses.

Special Education Curriculum

Milligan College offers two special education curricula which are noncategorical programs with emphasis in learning. The two special education curricula are modified programs which prepare teachers for teaching mildly handicapped children and a comprehensive program which prepares teachers for teaching both mildly and severely handicapped children. The special education teacher education program is a variation of the psychology major. The modified program includes Physical Education 406; Math 213; Sociology 303; Psychology 250, 252, 259, 353, 358, and 454; and Education 231, 432, 433, 451, and 452. The comprehensive program includes Physical Education 406; Math 213; Sociology 303; Psychology 250, 252, 259, 353, 357, 358, and 454; Education 231, 432, 433, 437, 438, 451, and 452.

Those who desire licensure in both elementary education and special education may combine the social studies concentration and special education in lieu of the modified psychology major.

102. **Computers in Teaching**—Computer application for use in the K-12 classroom and for the teacher's record keeping and research. One semester hour.
153. **Introduction to Teaching**—A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings will be included. Two semester hours.
231. **Psychology and Education of Exceptional Children**—An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**—See Psychology 252.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**—A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.
316. **Diagnosis and Remediation in Reading**—A study of the diagnosis of reading skills and the objectives, methods, and materials for the correction of reading difficulties. Direct contact with children in

tutorial and group teaching situations is included. Three semester hours.

317. **Secondary School Reading**—A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Three semester hours.
407. **Middle Grades Foundations**—History, philosophy, and social foundations of middle grade education. Also included is a discussion of the curriculum, learning styles, language learning, and characteristics of the children of the middle grades. Field experience included. Three semester hours.
408. **Secondary School Foundations**—History, philosophy and social foundations of secondary education. Characteristics of adolescents, legal aspects of teaching, organization of schools, and the curriculum of secondary schools will be discussed. Three semester hours.
432. **Learning Problems of Exceptional Children**—A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**—Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
434. **Practicum in Special Education**—A student practicum in a special education classroom. Three semester hours.
437. **The Mentally Retarded Child**—A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
438. **The Multiple Handicapped Child**—The nature and needs of individuals with severe, profound, and multiple handicaps with emphasis on basic educational approaches and on the roles of federal, state, and local agencies in providing services to this population. Three semester hours.
441. **Early Childhood Education**—A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
443. **Early Childhood Practicum**—A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
444. **Literacy in Young Children**—The development of literacy during the early years 0-8. The course includes the study of environmental influences and methods that enrich or delay emerging literacy and

language. Group activities for early childhood programs are explored. Three semester hours.

451. **Seminar in Student Relations and Special Education**—A seminar discussion of classroom management. Characteristics of mainstreamed handicapped students are described. The seminar is offered during the semester of directed teaching. Three semester hours.
452. **Student Teaching: Practicum in Teaching Skills**—A practicum in lesson planning and instruction. An extensive orientation prepares the student for a fifteen week student teaching practicum which includes the perfecting of the planning and instruction skills in the classroom setting. Included for K-12 and secondary students is a discussion of reading in the content area. Twelve semester hours.
471. **Materials and Methods in Specific Subject Areas**—Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.

THE MASTER OF EDUCATION PROGRAM

The Master of Education degree is a fifteen-month professional educational program which prepares teachers for the high level of competence expected by public and private educational institutions. This program, initiated during the summer 1989 increases both the quality and quantity of the educational experiences for teachers in all three areas of teacher training: general education, specialty studies, and professional education.

The M.Ed. program is designed for (1) students who have a bachelors degree with a strong general education component, some specialty or endorsement area, and some introduction to educational methods and for (2) licensed teachers who have a bachelors degree and teach at the elementary or secondary level. For those students without licensure, the program consists of 45 semester hours which include licensure; for those already licensed, the requirements consist of 36 semester hours. Either group may finish the program in two summers and one academic year (i.e. fifteen months).

Goals of the Master of Education Degree

Special goals for the graduate program at Milligan College are as follows:

1. Provide students with research techniques and projects which will be focused toward professional development.
2. Provide opportunity for review of current literature related to the theory and practice of teaching.
3. Provide knowledge of student characteristics to support the instruction and management responsibilities of the teacher.
4. Increase the professional competencies of both elementary and secondary teachers at the preservice and the inservice levels.
5. Promote the professional studies at the graduate level to allow more opportunity for liberal arts and teaching specialty studies at the undergraduate level.

6. Encourage creativity in curriculum designing to include lesson planning, subject matter presentation, and classroom leadership.
7. Provide a sound foundation for further graduate study.

ACADEMIC AND FINANCIAL INFORMATION

Financial Information

Tuition is \$120 per semester hour for the 1990-1991 school year. Financial aid is available through supplemental loans for students, guaranteed student loans, and teacher loan scholarships (for those seeking certification in math, science, art, or music). A non-refundable application fee of \$20.00 is required with the application.

Library

The P.H. Welshimer Library supports the academic program by providing research materials in all subject areas.

More than 100 journals and periodicals are included in the *Education Index* and the *Current Index to Journals in Education*. The Library holds the collection of ERIC documents on microfiche from 1986 through the present and indexing to all ERIC documents from 1966 to the present. The Library also subscribes to EasyNet gateway service which gives faculty and students access to over 850 data bases. Membership in the Southeastern Library Network gives access to the inter-library loan sub-system.

Curriculum Center

The Curriculum Center houses a textbook collection, teacher aide materials (including games and manipulative materials), curriculum guides, and professional books. Also included are films, filmstrips, video and audio tapes, and records. A work space, including four computers, is a part of this center. Educational equipment, including 16mm projectors, filmstrip projectors, slide projectors, and video cameras and recorders are housed in the Library. A complete set of audio-visual equipment is stored in both the Curriculum Center and the classroom where teacher education classes meet. The Curriculum Center has a transparency maker, a laminating press, and an opaque projector.

Computer Services

Milligan College has recently purchased the new IBM PS/2 Model 30's for the two computer labs. One lab is located in the Library and contains twenty PC's. The other lab is located in Derthick Hall and contains nine PC's. The Derthick lab is available to the students from 8:00 a.m. to 5:00 p.m. Monday through Friday unless a class is in session and three nights throughout the week. The Library lab is open the same hours as the Library with tutors available starting at 6:00 p.m. on weekdays and all day on the weekends.

Milligan also has thirty other IBM PC's which are located throughout the campus. These computers are available to the faculty and staff.

Full Standing

The minimum requirements for admission to the M.Ed. program are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of at least 2.75 or an overall undergraduate grade point average of at least 2.5 and a minimum score at the 35th percentile (National Norms) on the Miller Analogies Test.

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American

Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Miller Analogies Test score.

Students who do not meet the above requirements may be classified into one of the following categories:

Provisional Standing

The minimum requirements for provisional standing are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of 2.25 or a minimum score at the 25th percentile on the Miller Analogies Test (National Norms).

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.

Special Standing

Students who declare a non-degree graduate objective or transient students who have been admitted to graduate schools of other institutions are assigned to Special Standing. Non-degree status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives. When a student in non-degree status has been reclassified to Provisional or Full Standing at Milligan College by the Academic Dean and the Director of Teacher Education, a maximum of nine semester hours of Special Standing credit may be counted toward a degree objective.

Transient students may enroll with special admission status. Each applicant must provide the Graduate Office with a completed application for admission and a letter of approval from the Academic Dean or Registrar from the student's home institution.

Admission to Candidacy

Graduate students must make application for admission to candidacy immediately following the completion of twelve semester hours of graduate credit at Milligan College. If application is not made at this time, the student may not be permitted to register for subsequent work until the application is approved. These twelve hours normally include the Introduction to Research Methodology. The requirements which must be met before approval of admission to candidacy are as follows:

1. Achievement of full standing.
2. Completion of at least twelve semester hours of graduate credit at Milligan College with a minimum grade point average of 3.0.
3. Fulfillment of undergraduate requirements for teacher licensure as follows:
 - A. **Elementary education**—(1) basic pattern of liberal arts courses to assure licensure, (2) methods in reading, and mathematics, (3) practicum in teaching, or
 - B. **Secondary education**—(1) basic pattern of liberal arts courses to assure licensure, (2) specific courses in endorsement areas to assure licensure, (3) practicum in teaching.

Academic Probation and Retention Standards

When a student's cumulative average on courses applied toward the graduate degree falls below 3.0, the student will be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.0, the student's record will be reviewed by the Teacher Education Faculty for possible dismissal from the M.Ed. program. Students earning more than two C's may be suspended from the program.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be transferred from other approved institutions to the Milligan M.Ed. degree program.

Admissions Committee

Admission to the program is determined by an Admissions Committee made up of the Director of Teacher Education and two faculty members.

Admission of Seniors to Graduate Study

An undergraduate student who needs less than a semester or summer term of credit to complete the requirements for the bachelor's degree may be admitted to some graduate classes. If this student appears to be able to achieve provisional or full standing in the graduate program at the conclusion of the semester, the student may enroll in up to six hours of graduate credit to fill out a semester or summer term schedule with the approval of the Academic Dean of the College and the Director of Teacher Education.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within a six-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the Teacher Education Faculty upon the recommendation of the student's graduate advisory committee and the Director of Teacher Education.



Comprehensive Examination

During the final semester of the graduate program each candidate must pass a comprehensive examination conducted by the candidate's advisory committee. Examinations may be oral and/or written. Should the student fail to pass this examination, the student may apply for a re-examination. The faculty may require that additional courses be taken, and they will have the option of giving an oral or a written examination to the student.

Grade Requirements for Graduation

Students must attain a 3.0 average for graduation.

Research Project

Students will complete a research project which begins in the research class. The project features research related to the school setting of the internship assignment or to the school setting where a student is working as a full-time teacher. There are designated check points established for students to report on their research projects. These projects are presented in a seminar near the end of the student's graduate program.

National Teacher Examinations

Students who have not taken the National Teachers Examination Core Battery Tests and Specialty Area Examinations should complete at the end of their programs these examinations with Tennessee approved scores.

CURRICULUM

The three curricula which lead to the M.Ed. degree include the elementary program, the secondary program, and the program for licensed teachers. The elementary and secondary programs are designed for persons who need licensure to enter the teaching profession. These programs are built upon a strong liberal arts major and minor, including a full year internship and a research project. They require 45 hours of graduate credit.

The program designed for licensed teachers includes (1) a focus upon current teacher strategies and curricular development and (2) a social-studies component designed to give the graduate student a greater understanding of the culture of the community, the function of the family, and the teacher's relationship to persons being inducted into the profession. This curriculum will require a research project and 36 hours of credit.

The three models described below may be completed in one year and two summers (fifteen months).

Core Courses (21 hours)

511. Study of Research Methodology	3 hours
512. Research Seminar	3 hours
522. Classroom Management and Instruction	3 hours
523. Materials, Media, and Community Resources	3 hours
561. Seminar in Foundations	3 hours
562. School Organization and Law	3 hours
563. Advanced Educational Psychology	3 hours

Elementary Education Courses (24 hours)

530. Survey of Special Education	3 hours
541. Fine Arts Methods	3 hours
542. Health and Physical Education Methods	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Secondary Education Courses (24 hours)

524. Teaching Strategies	3 hours
527. Teaching of Reading in Content Areas	3 hours
530. Survey of Special Education	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Courses for Certified Teachers (15 hours)

524. Teaching Strategies	3 hours
526. Mentorship	3 hours
531. Analyzing Community Culture	3 hours
532. Counseling of Children and Families	3 hours
Elective	3 hours

Graduate Course Load

The normal course load for full-time students in the M.Ed. program is nine to twelve hours per semester. In certain cases, the Academic Dean and the Director of Teacher Education may approve a fifteen hour load for exceptional students.

511. **Study of Research Methodology**—A study of problem-solving, research methods, and research design and an introduction to basic statistics used in experimental and descriptive research. The course includes preparation of an acceptable research prospectus for a research project and the review of principles of research interpretation. Three semester hours.
512. **Research Seminar**—Completion of the research study begun in the research methodology course. Students discuss types of data, published research, and principles of research interpretation. Each student reports on his or her own research findings. Three semester hours.
521. **Test Construction and Interpretation**—A discussion of strategies for constructing of teacher-made tests including true-false, matching, multiple-choice, and essay questions. Students learn how to read and interpret standardized test scores for student diagnosis. Three semester hours.
522. **Classroom Management and Instruction**—A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.
523. **Materials, Media, and Community Resources**—A study of audio-visuals available to the teacher, including video equipment, computers, and community resources. Three semester hours.
524. **Teaching Strategies in Specific Teaching Areas**—A study of the current curriculum and teaching strategies being used in a specific teaching area. Three semester hours.
525. **Structure of the Curriculum**—A study of current trends in curriculum development. Students learn how to define objectives, plan for improvement, and organize instructional materials. Three semester hours.

526. **Mentorship**—A study of the literature related to mentorship. Students are made aware of modern school practice requiring that teachers develop a mentor relationship with teachers in the induction phase of teaching including both the internship and the first year of teaching. Three semester hours.
527. **Teaching of Reading in Content Areas**—A discussion of secondary reading and study strategies as well as techniques for diagnosis and instruction in reading. Three semester hours.
528. **Teaching Reading**—Current diagnostic strategies and methods for teaching reading including word recognition, word analysis, and comprehension. Three semester hours.
529. **Teaching Mathematics**—A study of the presentation of calculation skills and applied mathematics problem solving appropriate to the elementary schools. Remediation strategies are included. Three semester hours.
530. **Survey of Special Education**—A study of issues and trends affecting special education, including attention to characteristics of persons who are exceptional in some way. Three semester hours.
531. **Analyzing Community Culture**—A discussion of anthropological skills for studying a community. Some discussion of various sub-cultures in the United States is included. Three semester hours.
532. **Counseling of Children and Families**—A study of counseling principles important to teachers as they interact with children and their families. Three semester hours.
541. **Fine Arts Methods**—A study of art, music, and drama strategies and techniques useful to the elementary teacher. Three semester hours.
542. **Health and Physical Education Methods**—Reading and discussion of material related to fitness and health concerns. The course includes instruction related to physical activity and rhythmical activities. Three semester hours.
551. **Internship**—Full days of teaching and school-based professional growth. In addition to a specific teaching assignment, the student may have observations of various school situations, including multicultural, handicapped, rural, and urban settings. Some experiences to develop psychological readiness for the profession are included. Six semester hours.
552. **Internship**—A continuation of the internship involving greater responsibility in the teaching assignment. Six semester hours.
561. **Seminar in Foundations**—Student involvement in presentations and discussion related to the historical, philosophical, and sociological background of education. The American theoretical approaches to education are emphasized. Three semester hours.
562. **School Organization and Law**—A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Specific laws related to schools in Tennessee and in the nation are discussed. Three semester hours.
563. **Advanced Educational Psychology**—A study of the application of psychological theories and research to classroom setting. Topics covered include student characteristics, mental health, personality,

learning theories, group dynamics, motivation, and evaluation. Three semester hours.

- 590. Directed Study**—Research related to a specific educational problem under the direct supervision of an instructor. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 204 or 205 or 206, 208, 209, 211, 300, 301, 303, 311, 312, 403, 404, 406, and 411. The major must also include Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 204 or 205 or 206, 208, 209, 300, 303, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

- 101. Fitness for Life**—A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.
- 111. Personal Health**—A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.
- 151. Team Sports**—Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
- 152. Team Sports**—Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
- 153. Golf and Racquetball**—Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
- 154. Beginning Swimming**—A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.

- 155. **Beginning Badminton and Tennis**—A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
- 156. **Intermediate Badminton and Tennis**—A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
- 158. **Snow Skiing**—Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
- 159. **Horseback Riding**—Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
- 161. **Archery and Racquetball**—Knowledge and skill development in target archery and racquetball. One semester hour.
- 199. **Special Activity**—Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.



Photo: Johnson City Press

204. **Intermediate Swimming**—A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Advanced Swimming and Senior Lifesaving**—A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**—American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
207. **Conditioning Exercises and Weight Training**—A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities**—A study of rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**—A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on the elementary or secondary education level. Two semester hours.
211. **Community Health**—A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.
300. **Teaching Secondary School Physical Education**—A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**—Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**—A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
303. **Physical Education for Elementary Schools**—A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
309. **Applied Physical Education (or Health)**—A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to prepare for teaching. Two semester hours.

311. **Safety Education and First Aid**—A course designed to include a wide range of safety programs. The first six weeks will be devoted to first aid training, including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course is designed to include safety programs for school, community, vocations, and leisure time. One to three semester hours.
312. **Introduction and History and Philosophy of Physical Education**—An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**—An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**—A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**—A study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**—A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**—A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Scientific Learning



Dr. Charles W. Gee, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those students interested in biology, but desiring to elect a minor that is not in the sciences. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 151; and Mathematics 111 and 112. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by students who plan to pursue graduate study in biology, enter a medical field of study, or certify to teach secondary school biology.

Requirements for the Bachelor of Science degree leading to graduate study or pre-professional careers are thirty-two hours in biology which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, 303, 304, and 310; Mathematics 111 and 112, with calculus recommended; and Physics 203 and 204.

Requirements for the Bachelor of Science degree with secondary education certification are thirty-two hours in biology which must include Biology 110, 120, 140, 210, 250, 251, and two electives from Biology 360, 380, and 410; a minor in physical science which includes Chemistry 151, 170, 171; Physics 104 and 203; and Mathematics 211.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major, the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 150, 151, 170, 171 and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined

total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215 or 490 may not be applied toward a minor in biology.

110. **General Biology**—An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.
120. **Botany**—An intensive survey of the Plant Kingdom. Prerequisite: Biology 110. Four semester hours.
140. **Zoology**—An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
210. **Genetics**—A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**—An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
240. **Comparative Vertebrate Anatomy**—A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**—A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree which leads to the pre-professional or graduate major in biology. Prerequisite: Biology 110. Four semester hours each semester.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
340. **Animal Physiology**—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.
341. **Animal Histology**—A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Offered alternate years. Four semester hours.
342. **Vertebrate Embryology**—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Offered alternate years. Four semester hours.

350. **Science for the Elementary School**—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.
360. **Ecology**—A study of relations between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: One semester of biology. Four semester hours.
362. **Vertebrate Field Biology**—A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: One semester of biology. Offered alternate years. Four semester hours.
380. **Microbiology and Immunology**—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: Permission of the instructor. Four semester hours.
410. **Biogeography**—A study of the biological, geographical, climatological, and geological factors that affect the distribution of plants and animals. The course will attempt to explain how species came to be distributed as they are today and why the taxonomic composition of the biota varies from one region to another. Prerequisite: Twelve hours of biology. Four semester hours.
440. **Endocrinology**—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
490. **Research Problem**—Research on special problems in biology under direct supervision of a faculty member. Prerequisite: Twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 170, 171, 202, 203, 301, 302, 303, 304, 401, 402, and four hours of chemistry electives. Mathematics through Mathematics 303 and Physics 203 and 204 are also required.

The chemistry minor consists of twenty hours including Chemistry 301, 302, 303, 304, and either 202 or 310.

The physical science minor consists of twenty hours of science, including Chemistry 151, 170, 171 and Physics 104 and 203.

150. **Inorganic Chemistry for Non-Majors**—A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
151. **Organic and Physiological Chemistry**—A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 170-171. **General Chemistry**—A study of the principals of general chemistry, including Qualitative Analysis. Prerequisite: algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours lecture, one hour of recitation, and one three-hour laboratory per week. Four semester hours each semester.
202. **Quantitative Analysis**—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
203. **Instrumental Analysis**—An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Three hours lecture and three hours laboratory per week. Four semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Organic Chemistry**—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 102. Three semester hours.
302. **Organic Chemistry**—A study of the preparation properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.
303. **Organic Chemistry Laboratory**—An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification, and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
304. **Organic Chemistry Laboratory II**—Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
310. **Biochemistry**—A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related

chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.

311. **Organic Qualitative Analysis**—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. **Physical Chemistry**—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 171, 202, and Physics 203-204. Four semester hours each semester.
405. **Inorganic Chemistry**—A systematic study of the elements including atomic structure, bonding, molecular structure, and the periodic table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in mathematics, the major consists of thirty semester hours, which must include Mathematics 211, 212, 303, and eighteen additional hours of math courses numbered above 200. Especially recommended are Mathematics 307, 309, and 314. In addition, the student must complete a foreign language through the intermediate level.

For a Bachelor of Science in mathematics, the major consists of thirty-six semester hours, which must include Mathematics 211, 212, 303, and twenty-four additional hours of math courses numbered above 200. Especially recommended are Mathematics 307, 309, 314, 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics requires twenty-four semester hours which must include Mathematics 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Mathematics 111, 112, 211, 213, and 304 and Computer Science 104.

090. **Mathematics Laboratory**—A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Not for credit toward any major or minor. One semester hour.
103. **Fundamental Concepts**—A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Four semester hours.
104. **Fundamental Concepts**—An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Four semester hours.
107. **Principles of Mathematics**—An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.

111. **College Algebra I**—A study of algebraic methods; the natural numbers, the integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; and function theory including domain, range, composition, inverses, and graphing techniques. Three semester hours.
112. **College Algebra II and Trigonometry**—A continuation of Math 111 including the study of exponential and logarithmic functions, vectors, and complex numbers. Also included are an in-depth presentation of trigonometric functions: their values, graphs, inverses, identities; with application to triangles, circles and some mechanics. Prerequisite: Math 111 or equivalent. Three semester hours.
211. **Calculus I**—A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 112. Four semester hours.
212. **Calculus II**—A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**—A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **An Introduction to Mathematical Logic**—A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular emphasis on the reading and writing of proofs. Recommended for math majors. Offered every spring. Prerequisite: Math 212 or consent of instructor. Three semester hours.
303. **Multivariable Calculus**—A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
304. **Modern Geometry**—A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Offered alternate years. Three semester hours.
307. **Linear Algebra**—A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Recommended for all math majors. Prerequisite: Math 212. Three semester hours.
308. **Modern Algebra**—A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 301. Offered alternate years. Three semester hours.

309. **Differential Equations**—A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303 and 307. Three semester hours.
310. **Topology**—A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 301. Offered alternate years. Three semester hours.
314. **Probability and Statistics I**—A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 303. Offered alternate years. Three semester hours.
315. **Probability and Statistics II**—A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Offered alternate years. Three semester hours.
351. **Mathematical Modeling**—A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 307 and 309. Offered alternate years. Three semester hours.
408. **Numerical Analysis**—A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 307, 309, and a computer language. Offered alternate years. Three semester hours.
411. **Introduction to Real Analysis**—A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergency of sequences of functions, Lebesgue measure and integration, Riemann-Stieltjes integration, and general measures. Offered alternate years. Prerequisite: Math 310. Three semester hours.
490. **Independent Study**—Individual work in mathematics under the direct supervision of an instructor. Prerequisite: Twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

PHYSICS

104. **Earth and Space Science**—A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.

- 203-204. General Physics/Calculus**—A study of the fundamental principles of mechanics and thermodynamics the first semester. Electricity and magnetism, wave motions, sound, light, and modern physics are studied in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.
- 290. Independent Study**—Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



Area of Social Learning



Dr. Robert B. Hall, Chairman

The social learning program of Milligan College is designed to provide for the student a broad and appreciative understanding of man in his social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop the student's comprehension of contemporary problems and to motivate him to seek their solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in elementary education. In addition to the social studies required of all students and those included in the elementary education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in special education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

201. **Introduction to Geography**—An introduction to elements from physical, human, population, cultural, political, behavioral, economic, resource, and urban geography. Also considered are map shells and concepts of regional geography. Three semester hours.
202. **World Regional Geography**—An overview of the cultural regions of the world including both the developed and underdeveloped areas. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes and retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the area of business with fewer courses in the social sciences. A field work internship with an agency is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing without re-examination in other states.

There is no minor in Health Care Administration, and no minor is required for majors in this program.

Option 1—Emphasis on Psychology and Sociology

Soc.	201	Introduction to Sociology	3
	303	Family	3
	321	Sociology of Death and Dying	3
	413	Seminar in Aging and Retirement	3
	426	Sociology of Small Groups	3
	491	Field Work	6
Psy.	250	General Psychology	3
	252	Developmental Psychology	3
	353	Personality Theory	3
	357	Counseling	3
	358	Abnormal Psychology	3
			<hr/>
			36 semester hours
Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
B. Adm.	361	Principles of Management	3
One of the following courses must be completed.			
B. Adm.	315	Marketing	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
			<hr/>
			18 semester hours

Option 2—Emphasis on Business Administration

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
Econ.	301	Corporate Finance	3
B. Adm.	315	Marketing	3
	361	Principles of Management	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
	491	Field Work	6
			<hr/>
			36 semester hours
Soc.	201	Introduction to Sociology	3
	321	Sociology of Death and Dying	3
	413	Seminar in Aging and Retirement	3
Psy.	250	General Psychology	3
	252	Developmental Psychology	3
	357	Counseling	3
			<hr/>
			18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, of which six will normally be included in the two year Humanities sequence. History majors will advance toward the Bachelor of Arts degree, which requires a language. A history major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States.

The minor in history consists of eighteen hours, of which six are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. **History of Christian Missions**—See Christian Ministries 271.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History and Historians**—A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Required of all history majors and minors. One semester hour.
306. **Medieval History**—A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. **American History**—A study of history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Required of all history majors and minors. Three semester hours each semester.
324. **History of Rome**—A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
- 331-332. **History of England**—A study of the history of England from the earliest times to the present, emphasizing the English constitutional development, the concept of representative government, and the building of the Empire. Prerequisite: Humanities 101-102 is desired. Offered alternate years. Three semester hours each semester.
- 341-342. **Church History**—A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
352. **Renaissance and Reformation**—A study of the cultural transition from the Middle Ages to the Modern World and the various religious revolutions of the sixteenth century (traditional Protestant and "free-church" traditions). Three semester hours.
- 361-362. **History of Russia**—A survey of the history of Russia with emphasis upon major developments in the modern and contemporary scene. Three semester hours each semester.
376. **Jefferson to Jackson**—A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Three semester hours.
377. **The Middle Period: 1840-1880**—A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Three semester hours.

379. **The Gilded Age: 1877-1920**—An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.
380. **America in the Twentieth Century**—A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Three semester hours.
381. **The Revolutionary Era**—A study of the emergence of democratic ideas, the Industrial Revolution, the emergence of nationalism, and the role of political and cultural revolution in Europe from 1760 to 1870. Three semester hours.
- 431-432. **Reformation of the Nineteenth Century**— A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Two semester hours each semester.
445. **Historical Research**—A study of the theory and exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
480. **Seminar on Vietnam**—A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

The major in human relations is interdisciplinary and designed for those seeking vocational opportunities with various types of social agencies. The Youth Leadership emphasis is recommended for those who wish to work with children and young adults.

The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must also demonstrate computer competency.

REQUIRED CORE COURSES (15 hours)

Psychology 250
Psychology 252
Sociology 311 or 312

Sociology 201
Sociology 303

EMPHASIS

Social Agencies

Sociology 321
Sociology 380
Sociology 403
Sociology 451
Sociology 491

Electives to be chosen
in consultation with
adviser.

Youth Leadership

Sociology 203
Sociology 314
Psychology 357
Health & P.E. 409
Health & P.E. 491
Electives
Chr. Ministries 261, 318, 321
Psychology 358
Sociology 360, 403, 426
Sociology 461, 380
Health & P.E. 208, 311

The minor in Human Relations consists of Sociology 201, 303, 311, Psychology 250, 252, and three hours of electives.

POLITICAL SCIENCE

- 203. American National Government**—A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**—Individualized study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**—A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
- 360. The Presidency**—An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspects of the office such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.

361. **Domestic Policies**—A consideration of various types in domestic policy. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
370. **International Affairs**—A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**—A practicum experience that will involve the student in a position of government under adequate supervision for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and a social science. The major and minor are designed to ensure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

The required courses in the psychology major are Psychology 250, 259, 350, 353, 401, and Mathematics 213. Electives should be chosen in consultation with the psychology adviser. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours in the major. Those completing the major must also demonstrate computer competency.

The minor in psychology requires Psychology 250, 252, and 350 plus nine additional semester hours.

100. **Principles of College Success**—A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources such as time and money, a growing awareness of self, effective methods of relating to peers, and development of one's faith in the Lord. Required of all freshmen during the first semester of attendance. One semester hour.
250. **General Psychology**—An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.

252. **Developmental Psychology**—A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
259. **Experimental Psychology**—A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
290. **Independent Study**—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**—A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**—A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. Prerequisite: Psychology 250. Three semester hours.
357. **Introduction to the Theory and Practice of Counseling**—An introduction to counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
358. **Abnormal Psychology**—A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
401. **Systems and Theories**—An overview of the major systems and theories of contemporary psychology with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.
404. **Educational Psychology**—A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
427. **Perception and Physiological Psychology**—A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
450. **Psychology of Religion**—A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social

psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.

454. **Introduction to Psychological Testing**—A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
480. **Seminar on Vietnam**—A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Psychology**—Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY

The sociology curriculum emphasizes the principles and application of sociological knowledge. The major and minor are designed to ensure that each student will receive a broad background in sociology. This major is also for those wishing to continue preparation in graduate school.

The required courses in the sociology major are Psychology 350, Sociology 201, 210, 303, 311 or 312, 314, 401, 403, 426, and 451. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must also demonstrate computer competency.

The minor in sociology requires Sociology 201, 210, 303, 451, Psychology 250, and three elective hours.

201. **Introduction to Sociology**—A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
203. **Introduction to Youth Leadership**—A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.
210. **Introduction to Cultural Anthropology**—A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.

303. **Family**—A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
311. **The Sociology of Crime and Delinquency**—A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
312. **Juvenile Delinquency**—An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice. There will be field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
314. **Race and Ethnic Relations**—A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
321. **Sociology of Death and Dying**—An exploration of the current literature on death and dying. The approach will be cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
350. **Social Psychology**—See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication**—A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries, their basis and origin, their consequences and approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.



380. **Principles of Social Work**—An introduction to the profession of social work and an overview of the professional knowledge, skills, and values necessary for generalist social work practice. The student is introduced to historical evolution of social work, the history of social welfare, the various fields of social work practice, and general systems theory. Three semester hours.
401. **Sociological Research**—An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology**—A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**—A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisites: Sociology 201 and 303. Three semester hours.
421. **Sociology of Religion**—A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**—A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**—A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention is given to the contemporary developments in sociological theory. Prerequisite: Consent of the instructor. Three semester hours.
461. **Dynamics of Culture Change**—A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
480. **Sociological Contexts of Prison Ministry**—A study of the criminal justice system and those who are participants in it: professional staff, inmates, and the volunteer community. This course is designed to establish the philosophical base and practical knowledge necessary to support an institutional chaplaincy program. Three semester hours.
489. **Directed Readings**—A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**—A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Sociology**—Supervised field work in various institutions and agencies, including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
495. **Seminar**—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January 1990

Charles E. Allen, Physician, Johnson City, TN
John Banks, Attorney, Elizabethton, TN
Russell F. Blowers, Minister, Indianapolis, IN
H. Joseph Bourn, Investment Counselor, Chicago, IL
David Chupa, Educator, Johnson City, TN
William R. Clem, Businessman, Lexington, KY
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W. Edward Fine, Minister, St. Petersburg, FL
Dennis Fulk, Businessman, Carmel, IN
Omer Hamlin, Librarian, U.K. Med. Center, Lexington, KY
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Don Jeanes, Minister, Houston, TX
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M.W. Pully, Retired Business Executive, Bristol, TN
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Henry Richardson, Businessman, Havre de Grace, MD
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Ralph Small, Retired Publisher, Cincinnati, OH
Dan Stuecher, Minister, Safety Harbor, FL
Mark H. Webb, Dentist, Bristol, TN
John J. Wiggins, Insurance Executive, Plainfield, IN
Lidy Wyatt, Hamilton Bank Executive, Johnson City, TN

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Jack Covington, Contractor, Winston-Salem, NC
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Horace W. Dabney, Businessman, Louisville, KY
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Leslie L. Lumsden, Retired Businessman, Elizabethton, TN
C. Howard McCorkle, Retired Educator, Johnson City, TN
Jack R. Musick, Circuit Court Judge, Elizabethton, TN
Wade Patrick, Businessman, Johnson City, TN
Frank L. Wiegand, Attorney, Pittsburgh, PA

The Advisers, January 1990

Jacqueline Acker, Educator, Akron, OH
Gregg Allen, Associate Minister, Louisville, KY
Sylvan Amstutz, Businessman, Orrville, OH
William B. Anderson, Minister, Erwin, TN
Brett J. Andrews, Minister, Springfield, VA
Harold E. Armstrong, Minister, Columbus, IN
Dewey R. Barker, Area Manager, Bethlehem Steel, Bel Air, MD
Robert E. Belloir, Minister, East Point, GA
Phil Blowers, Attorney, Indianapolis, IN
David Boggs, Businessman, Davidsonville, MD
Michael Bradford, Communication Director, Christian Church Homes of
Kentucky, Louisville, KY
Randy Brockley, Banker, Houston, TX
Clyde Broyles, Jr., Businessman, Elizabethton, TN
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L.D. Campbell, Minister, Florence, KY
Bruce Carpenter, Minister, Lexington, KY
Samuel H. Clark, Jr., Retired, Bristol, TN
Gerald Cook, Businessman, Cincinnati, OH
Michael Corey, Elevator Constructor, McCordsville, IN
Alvin Covell, Minister, Frankfort, IN
E. Richard Crabtree, Minister, Colorado Springs, CO
Donald Crum, Business Executive, Edgewood, KY
Stephen Curtiss, Businessman, Kirkwood, MO
Gary A. Deater, Hospital Administrator, Lebanon, IN
Ron DeLong, Businessman and Evangelist, Carmel, IN
Sherry Detraz, Teacher, Dunedin, FL
Harold J. DeVault, Businessman, Concord, TN
Bertie Dougherty, Educator, Asheville, NC
Robert M. Elliott, Retired Assistant Superintendent of Schools, Kingsport, TN
William English, Executive, Kentucky Utilities, Lexington, KY
James L. Evans, Executive Director, European Evangelistic Society, Atlanta, GA
William F. Faddock, Physician, Fayetteville, GA
Billye Joyce Fine, Educator, St. Petersburg, FL
Jack Gardner, Banker, Erwin, TN
Jack Gilbert, Executive, Indianapolis, IN
William F. Hall, Minister, Greenville, IN
Joseph Harper, Businessman, Ironton, OH
Steve Haxton, Certified Public Accountant, Westerville, OH

Wayne Hay, Parole Officer, State of Kentucky, Louisville, KY
Robert L. Huckstep, Businessman, Charlottesville, VA
David C. Hughston, Insurance Executive, Brownsville, TX
Darla Irvin, Churchwoman, Lock Haven, PA
E. Glenn Isaacs, Business Executive, Elizabethton, TN
Sue Kettelson, Churchwoman, Simpsonville, SC
Robert Kroh, Minister, Bellevue, WA
James Landrum, Minister, Bloomington, IN
Karl M. Marshall, Minister, Paris, IL
Robert McGuire, Minister, Ridgeway, VA
Tim McIntosh, Minister, Elkhorn City, KY
Brewster McLeod, Minister, Lexington, KY
Gordon Mehaffey, Insurance Executive, Dublin, IN
John Meredith, Associate Minister, Fort Myers, FL
John P. Mills, Minister, Painesville, OH
William O. Norris, Retired Minister, Johnson City, TN
Paul F. Nourse, Minister, Evansville, IN
Robert W. Paswater, Minister, Indianapolis, IN
Gary D. Porter, Administrator, Children's Home, Wooster, OH
Walter Puckett, Minister, Crown Point, IN
David Pugh, Teacher, Indianapolis, IN
Mark Richardson, Businessman, Belcamp, MD
William Rollins, Grocer, Bristol, TN
John Russell, Minister, Ft. Mitchell, KY
John C. Samples, Executive, Standard Publishing Company, Cincinnati, OH
Richard Sargent, Minister, Chicago, IL
James D. Saunders, Minister, Louisville, KY
Laurie Schreiner, Professor, Eastern College, St. Davids, PA
Ronald F. Sewell, Executive, I.B.M. Corporation, Rockville, MD
Ralph Sims, Minister, Johnson City, TN
Joe D. Slone, Systems Engineer, I.B.M. Corporation, Roanoke, VA
Deborah Smith, Accountant, Indianapolis, IN
Ronald S. Spotts, Businessman, Beech Creek, PA
Loren Stuckenbruck, Doctoral Student, Princeton, NJ
Joseph E. Sutherland, Family Counselor, Mason, OH
John Wakefield, Minister, Cincinnati, OH
Robert A. Walther, Minister, Massillon, OH
David Wead, Minister, Nashville, TN
Jerry Williams, Minister, Indianapolis, IN
Robert L. Williams, Teacher, Jersey Shore, PA
Ted H. Wood, Business Executive, Lombard, IL
Ron Zimmerman, Business Executive, Indianapolis, IN



FACULTY AND ADMINISTRATION, JANUARY 1990

MARSHALL J. LEGGETT, President (1982)

A.B., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

President's Cabinet

GARY E. WEEDMAN, Vice President for Academic Affairs and Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.

JOHN DERRY, Vice President for Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University.

HOWARD F. NOURSE, Vice President for Institutional Advancement (1988)

B.S., Ohio State University; M.A., St. Francis College; Ph.D., Ohio State University.

JOE G. WHITAKER, Vice President for Business and Finance (1989)

B.S., Eastern Kentucky University; Milligan College; Certified Public Accountant.

PAUL BADER, Vice President for Enrollment Management and Financial Aid (1976-1985, 1987)

B.S., Milligan College; St. Louis Christian College; Emmanuel School of Religion; East Tennessee State University.

Administration

WILLIAM R. ADAMS, Director of Public Relations (1989)

B.F.A., Ohio University; College of Mount St. Joseph.

JILL M. ALLEN, Director of Annual Fund Activities (1989)

B.S., East Stroudsburg University.

ROBERT E. ALLEN, Director of Church Relations (1986)

B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.

LEONARD BEATTIE, Physical Plant Director (1986)

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

ROB KASTENS, Director of Campus Life (1989)

B.A., Milligan College.

DAVID L. MAURICE, Director of Alumni Relations (1989)

B.S., Milligan College; M.Div., Emmanuel School of Religion; University of Oregon; East Tennessee State University.

JOE P. McCORMICK, Assistant to the President (1956)

B.S., L.L.D., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

SUE SKIDMORE, Director of Institutional Research (1989)

B.A., Milligan College; East Tennessee State University.

KATHY SMITH, Director of Personnel and Mailroom Supervisor (1984)
B.S., Auburn University; Milligan College.

MIKE SMITH, Director of Computer Services (1981)
B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

TERRY J. DIBBLE, Professor of English (1971)

B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

GEORGE A. FINCHUM, Professor of Education and Geography (1987)

B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University.

CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Humane Learning and Joel O. and Mabel Stephens Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.

ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

SUSAN GAYLE HIGGINS, Professor of Sociology (1977)

B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.

JACK L. KNOWLES, Professor of English (1970)

B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.

RICHARD D. LURA, Professor of Chemistry (1971)

B.S., University of Wisconsin; Ph.D., Iowa State University; Medical College of Virginia.

EUGENE NIX, Professor of Chemistry (1967)

B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

- RICHARD PHILLIPS, Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- DAVID C. RUNNER, Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.
- GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.
- HENRY E. WEBB, Chairman, Area of Biblical Learning and Dean E. Walker Professor of Church History (1950)
B.A., Cincinnati Bible Seminary; Ph.B., Xavier University; B.D., Ph.D., Southern Baptist Theological Seminary; Butler University; Union Theological Seminary; Oxford University.
- JOSEPH M. WEBB, Professor of Communication and Preaching (1988)
B.A., Lincoln Christian College; M.S., Ph.D., University of Illinois; M.T.S. Candler School of Theology, Emory University.

Associate Professors

- BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.
- THOMAS V. BARKES, Associate Professor of Computer Science (1985)
B.S., Milligan College; M.T.S., College of William & Mary; M.S.C.S.E., University of Evansville; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.
- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TIM DILLON, Associate Professor of History (1982)
B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison; Emmanuel School of Religion.
- W. DENNIS HELSABECK, JR., Associate Professor of Church History (1982-1984, 1989)
B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion; Luther Northwestern Theological Seminary.
- JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.

- PATRICIA P. MAGNESS, Associate Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University;
Georgia State University; Emory University.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of
Kentucky.
- R. DAVID ROBERTS, Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological
Seminary.
- CAROL A. ROOSE, Associate Professor of Education (1989)
B.S., M.A., Ph.D., Kent State University; Case Western Reserve University.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S.,
Princeton Theological Seminary; Michigan State University; Cincinnati
Bible Seminary; East Tennessee State University; University Hamburg.
- JAMES L. STREET, Associate Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia;
West Georgia College; Fuller Theological Seminary.
- JULIA K. WADE, Associate Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky;
M.S. Cornell University; Ph.D., The University of Tennessee.
- CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; B.S., East Tennessee State University; M.A.,
University of Kentucky; University of Strasbourg.

Assistant Professors

- W. THOMAS BECKNER, Assistant Professor of Communications (1989)
B.A., Milligan College; M.A., Kent State University; M.S., Georgia State
University; Ohio University; Emory University.
- JULIA G. HOLMES, Assistant Professor of Education (1989)
B.S., Troy State University; M.Ed., Ed.D., University of Alabama; St. Leo
College; Auburn University.
- ANN ILES, Assistant Professor of Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University
of South Carolina; Milligan College.
- DOUGLAS JENNETT, Assistant Professor of Health & Physical Education
(1985)
B.S., Milligan College; M.S., Ball State University; Purdue University;
Arizona State University; East Tennessee State University.
- LINDA WILLIAMS KING, Assistant Professor of Health and Physical
Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.
- J. DAVID KNOECKLEIN, Assistant Professor of Art and Humanities (1985)
B.A., Boise Bible College; M.A., Lincoln Christian Seminary; M.S.,
Illinois State University; Boise State University.
- ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)
B.B.A., Grand Valley State College; M.Acc., University of Georgia,
Certified Public Accountant.

RICHARD MAJOR, Assistant Professor of Theatre (1985)

B.A., Milligan College; M.F.A., Michigan State University; Ohio University.

NORMA J. MORRISON, Assistant Professor of Education (1982)

A.A., Indian River Junior College; B.A., Florida State University; M.A.T., Ed.D., East Tennessee State University; Milligan College; University of Oregon.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration (1986)

B.S., University of Kansas; M.B.A., East Tennessee State University; Babson College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library and Reference Librarian (1980)

B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

CAROLYN E. WALSH, Assistant Professor of Office Administration and Computer Science (1984)

B.S., M.A., East Tennessee State University; M.S.C.S.E., University of Evansville.

DENNIS L. WILLIAMS, Assistant Professor of Music (1987)

B.M.E., Indiana University of Music; M.C.M., D.M.A., Southern Baptist Seminary School of Music; Westminster Choir College; University of Michigan; University of Louisville.

CHEN-WEN FAN, Visiting Lecturer (1989)

B.S., National Taiwan University; M.S., Auburn University; Ph.D., Iowa State University.

New Faculty

The following will be joining the faculty for the 1990-91 year:

MARVIN GLOVER, JR., Assistant Professor of Mathematics

B.S., Athens State College; M.S., Vanderbilt University.

JOHN H. MATHEWS, Assistant Professor of Humanities and History

B.A., Milligan College; M.A., Southern Illinois University; University of Chicago; Southern Baptist Theological Seminary.



Support Personnel

KAREN BERRY, Admissions Counselor
CYNDI HUBBARTT, Admissions Office Manager
MARGARET INGMIRE, Admissions Counselor
MICHAEL JOHNSON, Assistant Director of Admissions
KELLY KASTENS, Assistant Director of Financial Aid
CHARLENE KISER, Assistant Director of Organizational Management Program
JEAN F. LEGGETT, Administrative Assistant to the President
V. JUNE LEONARD, Library Technical Services Manager
OPAL B. LYONS, Acting Director of Health Services
JULIE RAY, Admissions Counselor
MARTHA STOUGHTON, Office Manager for Organizational Management Program.
TONY WALLINGFORD, Book Store Manager

Athletic Coaches

Men's Basketball - Tony Wallingford
Women's Basketball - Danny Burnette
Baseball - Doug Jennett
Softball - Wes Holly
Volleyball - Linda King
Men's Tennis - Duard Walker
Women's Tennis - Jack Knowles
Soccer - Charles Carter
Golf - John Derry
Athletic Director - Duard Walker

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate Professor Emeritus of Health and Physical Education (1958)
ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)
ROBERT O. FIFE, Professor-at-Large (1954)
HOWARD A. HAYES, Professor Emeritus of Bible (1967)
W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)
JUANITA JONES, Associate Professor Emeritus of English (1968)
VIRGINIA LAWS, Assistant Professor Emeritus of Secretarial Science (1974)
JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)
EUEL J. OWNBY, Associate Professor Emeritus of Education (1961)
JAMES L. SHIELDS, Professor Emeritus of Education (1959)
LONE L. SISK, Professor Emeritus of Chemistry (1948)
EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)
C. ROBERT WETZEL, Professor-at-Large (1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
The McWane Foundation Fund
The Waddy Trust Fund
The Adam B. Crouch Memorial Fund
The Hopwood Memorial Fund
The Elizabethton Endowment Fund
The Derthick Memorial Fund
The Kelton Todd Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Anglin Fund
The Aylette Rains Van Hook Memorial Fund
The McCormick Fund
The Philip Scharfstein Scholarship Fund
The Webb D. Sutton Trust Fund
The Edith B. Cottrell Memorial Fund
The Milligan College Memorial Fund
The Barbara Main Memorial Fund
The Wiley Wilson Memorial Fund
The B.D. Phillips Fund
The George Iverson Baker Memorial Fund
The Sam Jack and Mary Ellen Hyder Memorial Fund
The Ada Bennett Memorial Fund
The Asa F. And Marguerite Cochrane Memorial Fund
The Stewart-Roberts Fund
The Arthur H. and Marguerite Miller Memorial Fund
The Dorothy S. Wilson Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Clarence A. and Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H.O. Bolling Memorial fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr. Memorial Fund
The Clyde Ratliff Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The Clem Endowment Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The 1980 Class Fund
The Roy G. True Memorial Fund

The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Memorial Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Clarence and Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund
The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
The James W. Pruitt Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund
The W. Chamberlain Hale Memorial Fund
The 1982 Class Fund
The 1984 Class Fund
The Helen and Harold Eswine Memorial Fund
The John Wesley and Willie J. Allen Memorial Fund
The Claude R. and Mary Sue Love Memorial Fund
The Rev. J. E. Gordon Memorial Fund
The D. Kemper Helsabeck Memorial Fund
The 1985 Class Fund
The 1987 Class Fund
The Kathleen Adams Bowman Memorial Fund
The T.W. Phillips Memorial Fund
The Living Endowment Fund
The T.A. Lovelace Memorial Fund
The Edgar Randolph Memorial Fund
The 1981 Class Fund
The Birdy Black Scholarship Fund
The Sam Crabtree Scholarship Fund
The Davidson Scholarship Fund
The Daisy & Fred Hayden Scholarship Fund
The Lula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Richard Millsaps Scholarship Fund
The Joan Millar Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The Edens Pleasant Home Carpet Fund
The W.V. Ramsey Minister's Scholarship Fund
The Ralph Small Scholarship Fund
The Roger Speas Scholarship Fund
The Irene Spahr Scholarship Fund
The W.B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund
The Mr. & Mrs. Fred L. Broyles Scholarship Fund
The Kate Rice Blankenship Scholarship Fund
The Clarence and Lela Anderson Brumit Memorial Fund

The Rondah Y. Hyder Memorial Fund
The John L. Kuhn Memorial Fund
The Edgar Ralph Turner Memorial Fund
The Herschell J. Springfield Memorial Fund
The Virginia Burns Elder Memorial Fund
The Harry A. Smith Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The William E. Axamethy Memorial Fund
The 1988 Class Fund
The Ada Bess Hart Memorial Fund
The Mr. and Mrs. Thruman C. Earon Scholarship Fund
The 1986 Class Fund
The Mary Archer Memorial Fund
The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund
The Art Spahr Endowment Fund
The Mr. Paul O. George Memorial Fund
The Mr. Edgar Ralph Turner Memorial Fund
The Dr. Dean E. Walker Memorial Fund
The Mr. A.B. Culbertson Memorial Fund
The Frank and Janie Von Cannon Memorial Fund
The Claude Prince Memorial Fund
The Ivor Jones Memorial Fund
The 1989 Class Fund
The George E. Davis Memorial Fund
The W. Hobart and Myra Millsaps Scholarship Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

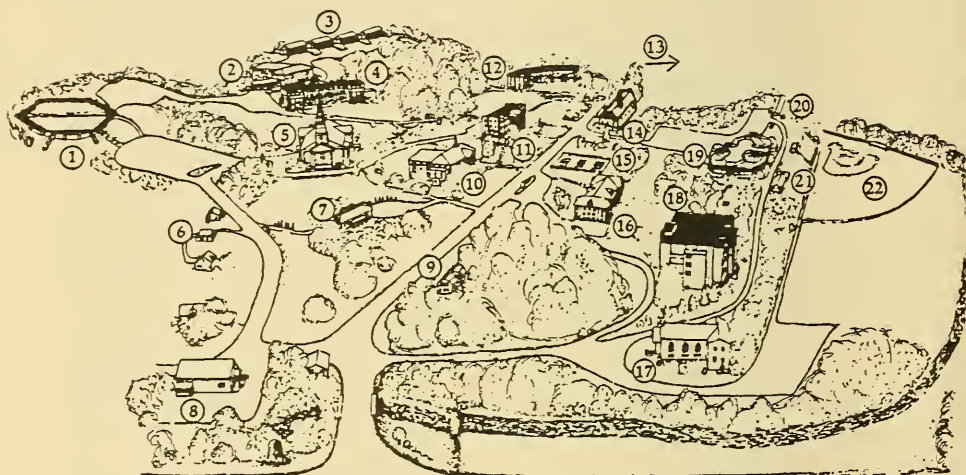
First Christian Church, Chicago, Illinois—THE DEAN E. WALKER
CHAIR OF CHURCH HISTORY—Professor Henry E. Webb

First Christian Church, Erwin, Tennessee—THE FRANK H. KNIGHT
CHAIR OF ECONOMICS AND BUSINESS—Professor Eugene P. Price

Mr. and Mrs. Joel Stephens—THE JOEL O. AND MABEL STEPHENS
CHAIR OF BIBLE—Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.

Milligan College Campus



MILLIGAN HIGHWAY

Key

- | | |
|----------------------------|------------------------------------|
| 1. Lacy Fieldhouse | 12. Webb Hall |
| 2. Hart Hall | 13. Physical Plant |
| 3. Married Student Housing | 14. McMahan Center |
| 4. Sutton Hall | 15. Tennis Courts |
| 5. Seeger Chapel | 16. Hardin Hall |
| 6. Music Practice House | 17. Hopwood Church |
| 7. Little Hartland | 18. Derthick Hall |
| 8. Post Office | 19. Science Building |
| 9. Hospitality House | 20. Faculty Office Building |
| 10. Welshimer Library | 21. Paxson Communications Building |
| 11. Pardee Hall | 22. Anglin Field |

MILLIGAN COLLEGE CALENDAR

Summer Session, 1990

Registration	June 11
First Term Classes	June 11-July 11
Second Term Classes	July 12-August 10

Fall Semester, 1990

Dorms Open to Freshmen	August 26
Conference for Parents of Freshmen	August 26
Freshmen Orientation	August 26-29
Faculty Conference	August 27
Dorms Open to Upperclassmen	August 27
Advising and Registration	August 28-29
Classes Begin	August 30
Matriculation	August 30
Fall Break	5:00 p.m., October 17 to 8:00 a.m., October 23
Thanksgiving Holidays	5:00 p.m., November 20 to 8:00 a.m., November 26
Last Day of Classes	December 14
Final Examination	December 17-20

Spring Semester, 1991

New Student Orientation	January 12
Advising and Registration	January 14-15
Classes Begin	January 16
Spring Break	5:00 p.m., March 22 to (Easter is March 31) 8:00 a.m., April 2
Awards Convocation	May 9
Last Day of Classes	May 10
Final Examinations	May 13-16
Baccalaureate and Commencement	May 19

Summer Session, 1991

Registration	June 10
First Term Classes	June 10-July 10
Second Term Classes	July 11-August 9

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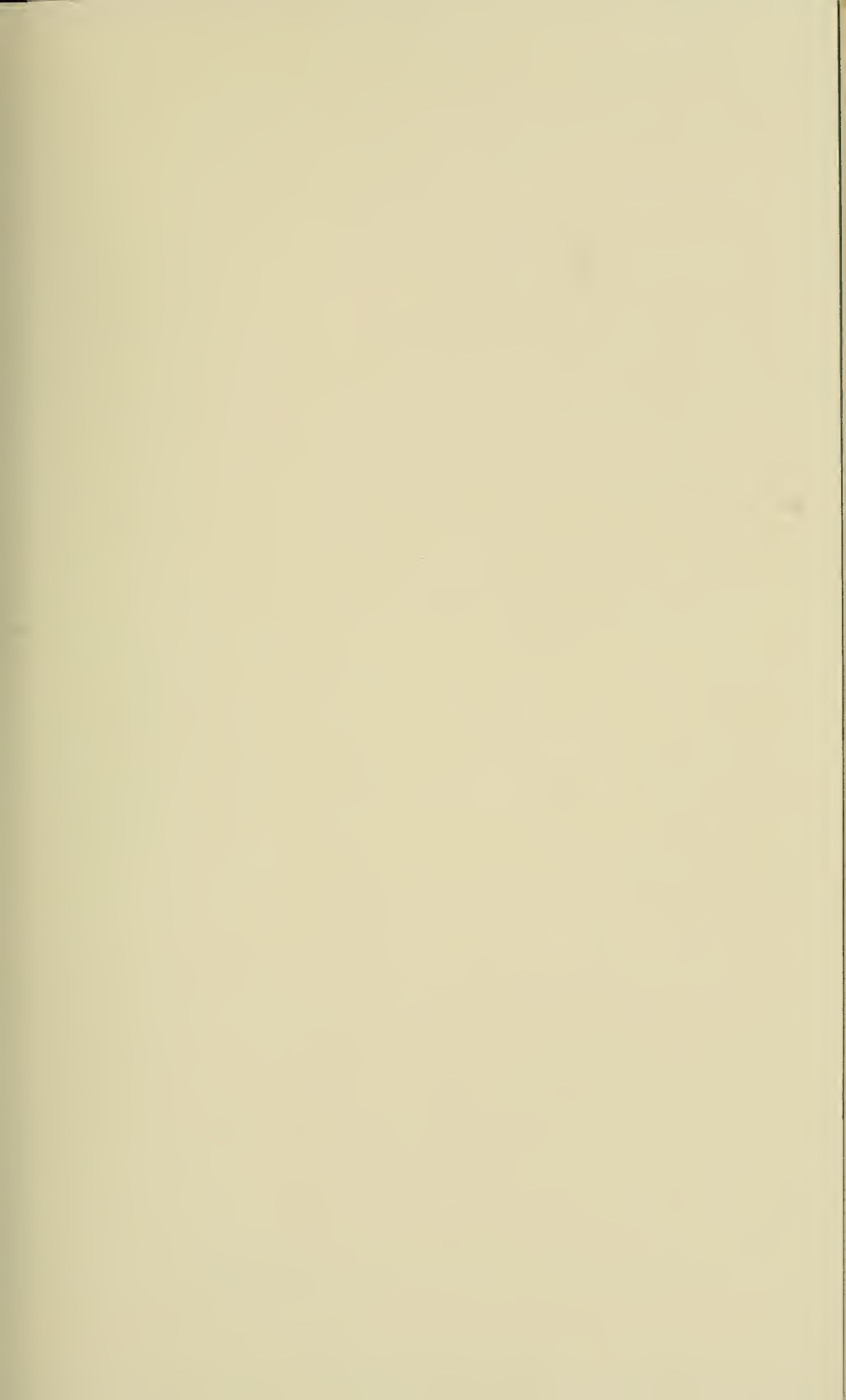
The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. Charges are subject to change at anytime. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.

In accordance with the Tennessee College and University Security Information Act of 1989, Milligan College has prepared a report containing campus security policies and procedures, data on campus crimes, and other related information. A free copy of this report may be obtained by any student, employee, or applicant for admission or employment from the Office of Student Development, Milligan College, Milligan College, TN 37682.



NOTES



Milligan College

Catalog 1991-1992



MILLIGAN COLLEGE

Milligan College, Tennessee 37682
(615) 461-8700

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Milligan College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools as a state Associate Bachelor's, and Bachelor's degree.

Milligan College holds membership in the following accrediting agencies and professional organizations:

American Association of Christian Colleges and
Administrative Offices
American Association of College and Teacher
Education
Appalachian College Association
Christian College Council
College Planning Council
Council for Advancement and Support of
Education
Council for Independent Colleges
National Association of College and University
Business Offices
National Association of Independent Colleges and
Universities
National Association of Noncollegiate Religious
Institutions Council for the Advancement of Teacher
Education
Southern Association of Colleges and Schools
Tennessee Independent Colleges Union
Tennessee Intercollegiate Athletic Conference

Milligan College does not discriminate on the basis of race, sex, color and national ancestry.

Photography by: Charles Brown, Brian Wallace and Joe Waco



NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866 Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as a means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary control through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education--the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of the colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire, Pardee Hall was built as a dormitory for men, Cheek Activity Building was constructed for recreational purposes, and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship in the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College; the endowment was increased; existing buildings were renovated and newly furnished. New patrons were sought for the College, the curriculum was expanded, and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such



a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning, regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and man.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education--the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been coeducational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that biblical data is introduced into the content of each course taught. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include

Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the spirit of man is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free men. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of mankind and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research. Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated man.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

Mission Statement

Milligan College provides opportunities for education in Bible, arts, and sciences which are shaped by a Christian world view in order to (1) create an environment dedicated to intellectual, spiritual, social, and physical development, (2) lead to selected professional and career possibilities, and (3) establish a community of inquiry, responsibility, and caring. Programs lead to associate, undergraduate, or graduate degrees, as well as provide for personal enrichment; they prepare men and women to participate in the necessary endeavors which will result in the accomplishment of the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression “Jesus is Lord and Savior” is to be understood in the historical biblical significance. Jesus, the Man of Nazareth, is God’s Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of one’s life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

The main functions of education are to arouse within the individual an awareness of indebtedness to one’s fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan undergraduate students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if and when necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing is assessed to the occupants of the room who accept responsibility for its use and condition.

All residence halls and the dining hall are closed during college vacations. Students are not permitted to stay on campus during these periods without permission of the Dean of Students.

Any student without a roommate is charged the private room rate unless no roommate is available.



An appliance fee of \$15.00 per semester is charged for use of each high energy use appliance, such as refrigerators and air conditioners.

Telephone service is available in all residence hall rooms at a modest monthly rate. Students must provide their own telephones and calling cards for long distance calls.

Married Student Housing

Milligan College has available thirty-two apartments for married students. These two-bedroom units are totally electric, including heating and air conditioning. All of the apartments are carpeted and unfurnished except for kitchen appliances. Additional information may be obtained by contacting the Student Development Office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. During attendance at Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons is at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the college name or involve the absence of the participants from the College must receive the official sanction of the college administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It particularly is concerned with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, subjects the student to disciplinary action: suspension or expulsion.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.

5. The use of tobacco in any building on campus is prohibited. It is permitted only in designated outdoor areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which are also enforced by the College.

Automobile

The privilege of using an automobile is granted to all students although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of a student's use or possession of a car on or off campus.

An automobile registration fee of \$8.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities are attended by the faculty sponsor of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small-college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Since the faculty members regard each student as a younger friend, individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness. The services of a nurse are provided in a clinic on the campus to care for minor ailments

DORMITORIES



Pardee Hall



Hart Hall



Married Student Apartments



Webb Hall



Sutton Hall



Hardin Hall

and any emergency. Students are expected to report at once to the college nurse any accident or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in intercollegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health is also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-range, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in spiritual life organizations is open to all students. There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, 7) gospel teams, 8) informal vespers, and 9) discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), dormitory representative, commuter representative, and a married student representative.



The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and England. This group includes appearances in high schools, churches, and church conventions in its annual tour.

The Milligan Men and the Women's Chorus are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. Various performance experiences include the annual Madrigal Dinners.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewald, Dr. Keith Schoville, Dr. Joseph M. Webb, Dr. Harold Hazelip, and Dr. Gerald Mattingly.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a

pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the proposed organization is in keeping with the purposes and philosophy of Milligan College.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who are not majoring or minorning in science but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and office administration majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. It also sponsors social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meetings on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to provide small loans to meet emergencies.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

The International Awareness Club provides a unique opportunity for students from countries around the world and the United States to share together about different nations and cultures as well as our world as a whole.

Big Brother/Big Sister is an outreach ministry which works with area organizations to provide role models, temporary siblings, and other services.

The Student Hunger Committee promotes awareness of the universal problem of hunger. It works through organizations such as World Vision and Compassion International to raise concerns as well as funds to the benefit of those in need.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

There is also the opportunity to participate in the athletics program as a member of the Varsity Cheerleaders or the Milligan College Drill Team.

The intramural program of athletics is designed to encourage participation by all students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and forty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.



Seeger Chapel

CAMPUS BUILDINGS



Science Building



P.H. Welshimer Library



Steve Lacy Fieldhouse



John E. McMahan Student Center



Lowell W. Paxson Communications Center



Little Hartland



Derthick Hall

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms and theatre located in this structure are the offices of the Academic Dean, the Dean of Students, and the Registrar.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and several faculty offices. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

Pardee Hall, a residence for men, was erected in 1919 as a gift to the College by Mr. and Mrs. Calvin Pardee. It stands on the slope of the hill above the middle campus.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this center. Other offices in the building are those of the Director of Admissions, the Director of Financial Aid, and the Director of the Adult Education Programs.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. Holdings consist of 242,399 volumes and 593 current periodicals. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. Offices of the President and Vice-President for Institutional Advancement are located on the second floor. This building also contains a computer lab and the law library.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire--192 feet above ground level--overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and drama. The main sanctuary-auditorium will seat 1,300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

The Science Building was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 250-seat lecture hall, and several special-purpose rooms.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The McMahan Student Center, built in 1987, was a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals.

The Lowell W. Paxson Communications Center is located on the site of the former Student Union Building. It contains classrooms, editing rooms, a darkroom, and well equipped studios for both radio and TV productions. It was dedicated April 20, 1989 and was made possible through a gift from the Lowell W. Paxson Foundation.



ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student secures from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student returns the completed application along with an application fee of \$25.00 to the Office of Admissions.
3. The application is presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, and two references. The Admissions Committee may also under certain circumstances request an interview.
4. The Office of Admissions notifies the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 scale are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), DANTES, and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit is granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may, after one semester, reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissal with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Special Students

Special students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If the student satisfies the entrance requirements in full within two years from the time of admission, he or she may then become a candidate for a degree. Special student status must be granted by the Academic Dean at the beginning of each semester.

2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Academic Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan are transferred to the home institution for application towards a degree.

Credit earned as a special student is subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit is allowed for this work, and a grade of "Au" is assigned. Tuition is one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-immigrant alien students. Foreign students must present a TOEFL score of at least 550 and prepay all expenses for one semester; \$500.00 of the prepayment is non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book which they sign and officially become members of the Milligan Community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$3,311.00
Room Charges: Single	\$817.00
Double	\$686.00
Telephone Service (optional) (per person, double room)	\$41.00
Board	\$751.00
Student Activity Fee	\$45.00
Tuition for each academic hour over 17	\$195.00

A special schedule determines tuition for 1 to 11 hours.

A special schedule determines tuition for Evening College, Summer School, Organizational Management, and M.Ed. program.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees--Fees are subject to change without notice.

Materials for special courses:

Education 102	\$ 20.00
Education 153	10.00
Education 315, 316, 451	5.00
Education 434, 443	10.00
Education 452	75.00
Education 551, 552	100.00
Science Laboratory Fee	20.00
Office Administration 470,472	10.00
Language Lab Fee	10.00
Office Administration 131, 132, 231	10.00
Music 365, 367-8	5.00
Music 110	20.00
Sheet Music Deposit	15.00
Developmental Labs	20.00
Computer 100, 104, 211, 212, 213, 216, 217, 275, 280, 322, 341, 343, 411, 431, 495	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00
Health and Physical Education 101	8.00

Tuition Charges in Applied Music

One semester hour	\$110.00
Two semester hours	\$185.00

Application Fee

An application fee of \$25.00 is required with the application for admission to the College. This fee is not refundable. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student is charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee, each student, whether commuting or in the dormitory, is expected to pay a \$50.00 prepayment on account, which reserves a place in the class. These deposits are due within thirty days of the time the student is accepted.

CLAIM FOR REFUND OF THESE FEES MUST BE MADE ON OR BEFORE MAY 1, PRECEDING THE OPENING OF THE FALL SEMESTER.

Miscellaneous Fees

Diploma and graduation fee (undergraduate)	\$28.00
Diploma and graduation fee (graduate)	65.00

Transcript fee--after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00
Appliance fee in residence hall (per semester)	15.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions are made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

I. Academic Management Services Budget Payment Plan

This plan allows for payment of college fees in ten convenient monthly payments commencing June 15. The cost of this plan is \$45.00 which includes Life Benefit Coverage. There are no other fees or interest charges. Information concerning this plan is forwarded upon request.

II. Three Payment Plan

A down payment of one-half of the tuition, room and board (after deducting scholarships, grants, and financial aid), plus other class fees is to be paid by registration day. The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

All current accounts are charged 1% interest per month on current charges until October 31 and March 31 for fall and spring semesters, respectively. After these dates, 1 1/2% per month is charged until the account is paid in full.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript is issued until the student has satisfied all accounts with the College.

Students who have financial aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books are charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$300.00 per semester.

Board

The cost of Board is \$751.00 per semester for three meals a day, seven days a week, exclusive of official vacation periods. The dining room is closed during vacation periods. This price is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, there is 100% refund of tuition, room rent, and fees for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, receives a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester receives a 75% refund of tuition and room rent. There is no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester receives a 50% refund of tuition and room. There is no refund of fees. An exception is made for illness, in which case the refund period is extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit is given for scholarships or grants-in-aid.

There is no refund of tuition and room rent after the thirtieth day. In all cases a student is charged only a pro rata share of board based on the number of days enrolled. This policy is applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures results in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar day of the term. This policy is applied proportionately to courses of shorter duration than a full semester.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered and if financial need is demonstrated, Milligan attempts to meet a portion of that estimated need.

In order to apply for financial aid, each student must submit a Milligan College Scholarship Application, a Milligan Work/Study Application, and an application for Federal Student Aid using any of the following applications: Family Financial Statement (FFS) from the American College Testing, Financial Aid Form (FAF) from the College Scholarship Service, Application for Federal Student Aid (AFSA) from the U.S. Department of Education, Pennsylvania Higher Education Assistance Agency (PHEAA), or the Illinois State Scholarship Commission (ISSC). Only one of the above applications is necessary. The Milligan applications can be obtained from the Financial Aid Office at Milligan, and the applications for Federal Student Aid can be obtained from Milligan or a high school counselor.

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

- Pell Grant

- Supplemental Educational Opportunity Grant

State Student Incentive Grant--for residents of Tennessee, Pennsylvania, and Vermont.

Campus Employment

Various campus jobs are available to students. The wages vary, but students work an average of ten hours per week. Milligan offers the following work programs:

College Work/Study Program
Milligan College Work Program

Loans

Several low-interest, government-subsidized loans are available. Most are not to be repaid until the student leaves school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan
Stafford Student Loan
Tennessee Teacher Loan/Scholarship--Tennessee residents only.
Parents Loan for Undergraduate Students (PLUS)
Supplemental Loans for Independent Undergraduate Students (SLS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		Enhanced ACT Score	Amount of Award	GPA Needed to Retain Award
Men	Women			
1475 and up	1461 and up	35-36	Basic Tuition	3.5
1393-1474	1378-1460	33-34	75% of Tuition	3.3
1269-1392	1253-1377	30-32	50% of Tuition	3.1
1186-1268	1170-1252	28-29	25% of Tuition	2.8
1104-1185	1087-1169	26-27	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation, an essay on an assigned topic, and financial need. A minimum Enhanced ACT of 20 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. A GPA of 2.5 is required to retain the award for all four years.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to

winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$1,000 a year for a two-year period are available to a limited number of students who graduate from a high school within the counties listed. An Enhanced ACT of 19, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years, a 2.0 GPA is required.

Upper Division Area Scholarships are given to upperclassmen in each academic area. Awards are based on a student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Women's Volleyball, Women's Softball, Women's Basketball, Women's Tennis, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Iula Kildy Scholarships are awarded to students who have academic potential and financial need.

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of a student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Mr. and Mrs. W.B. Stump Scholarships are awarded to students with academic promise and financial need.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the F.L. Broyles Memorial Scholarships, the Sylvester Hughes Memorial Scholarships, the Roy G. True Memorial Scholarship, the Genieve Ross Lawson Scholarships, and the Donald Galley Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Harold W. Scott Memorial Scholarship and the Dessie Maddux Memorial Scholarships are awarded to outstanding ministerial students who demonstrate financial need.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding business major who demonstrates financial need.

The Ralph Small Scholarship is awarded to an outstanding student in the area of communications.

The Lovelace Education Fund provides a scholarship for a native American Indian from the Cherokee reservation.

The Thomas A. Barnard, Sr. Memorial Scholarship is awarded to an outstanding science student.

The Jones Family Scholarships are awarded to an outstanding history student and an

outstanding English student.

The Patricia Huffine Scholarship is awarded to a deserving student from a designated area of Illinois.

The Grace McMahan Ministry Scholarships are awarded to outstanding students preparing for ministry.

The Joe and Lora McCormick Scholarship is awarded to a student from the First Christian Church of Johnson City, Tennessee.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 32, or 35, and 10 USC106 Title 38 United States Code.

To receive this federal financial aid while attending Milligan College, a student must meet the following academic standards.

Sophomore - 26 hours earned, must have a 1.6 GPA

Junior - 58 hours earned, must have a 1.8 GPA

Senior - 92 hours earned, must have a 2.0 GPA

Each student is given one probationary semester before federal aid is withdrawn. Payments are made each month directly to the veteran. The Veterans Administration provides counseling and vocational planning service for any veteran who needs this assistance. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Registrar's Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Communications, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant Studies, Mathematics, Organizational Management, Psychology, and Sociology. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours in psychology
Health & Physical Education 101 and one additional hour of activity
Biology, Chemistry, or Physics, eight hours
Sociology, Economics, Geography, or Political Science, six hours
Theatre 101 or an acceptable substitute
Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Students are required to take a test covering general knowledge during their sophomore year.

Graduating seniors are required to take a test covering their knowledge in their major field of study.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate learning skills course(s) as a graduation requirement. **Hours earned below the 100 level are in addition to the 128 hour graduation requirement.**

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

Psychology 100 is required of all freshmen during the first semester of attendance.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science degree requires 66 semester hours and is conferred in the field of Office Administration. A student seeking the A.S. degree must complete no fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

For requirements for the Master of Education degree see page 81.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into the College, provided these requirements are met within six years; otherwise they will be required to meet current degree requirements. The six-year limitation will be extended for the length of time in military service for students who enter service after enrolling at Milligan.

All courses listed in this Catalog are not necessarily offered each year. Students should consult with their advisers to plan their curriculum.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. **If a student does not attend the required number of services, eligibility to return to Milligan for the next semester is forfeited.**

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student is necessarily affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes are in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4 1/2 week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, courses are offered during the evening. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Computer Science. Those desiring additional information concerning Evening College should contact the Office of Adult Education Programs. In addition a degree completion program is available as described on Page 75.

Advisers

All freshman students entering Milligan College are assigned a faculty mentor who works closely with them. At the beginning of the sophomore year the student becomes the advisee of a faculty member in the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she selects a field of work for concentrated study. This selection is ordinarily made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible/Ministry, Biology, Business Administration, Chemistry, Christian Education, Church Music, Communications, Computer Science, Elementary Education, English, Family Ministry, Health Care Administration, Health and Physical Education, History, Human Relations, Humanities, Legal Assistant Studies, Mathematics, Missions, Music, Organizational Management, Psychology, Sociology, and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student selects one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Art, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, English, French, German, Health and Physical Education,

History, Human Relations, Mathematics, Music, Office Administration, Philosophy, Physical Science, Psychology, Sociology, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) is determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A = 4.0 quality points	D+ = 1.3 quality points
A- = 3.7 quality points	D = 1.0 quality points
B+ = 3.3 quality points	D- = .7 quality points
B = 3.0 quality points	F = 0.0 quality points
B- = 2.7 quality points	S = Satisfactory--not computed in grade point average
C+ = 2.3 quality points	U = Unsatisfactory--no quality points
C = 2.0 quality points	W = Withdrawn
C- = 1.7 quality points	I = Incomplete--not computed in grade point average

Students withdrawing officially from classes before mid-term will receive "W's." Students withdrawing after the mid-term will have their achievement evaluated by the grade "W" or the grade "F."

Testing Services

All entering students are evaluated in the basic skills of reading, writing, and mathematics. Proficiency in these basic skills is a requirement for graduation. Services are provided to help students attain this proficiency (see Developmental Skills Program).

Those students electing the education profession are required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see Education Area).

The College Level Examination Program and DANTES are available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

The Miller Analogies Test is available upon request for those entering graduate studies.

Other testing services (i.e., occupational) are available for a minimal fee.

Courses at Another Institution

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved by the Registrar prior to enrollment. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Academic Dean. Only six semester hours of correspon-

dence study are recommended, and no more than twelve semester hours will be accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors will be determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Academic Dean publishes a list of students who have done outstanding work during that semester. The Dean's List is composed of students who earned a semester grade point averages of 3.50 to 4.00.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average is placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit will be factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see page 20).

Milligan College is seriously concerned that every student who enters the College makes progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extracurricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; and rising juniors and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar issues to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar issues grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman; sophomore, 26 hours; junior, 58 hours; senior, 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan are furnished only upon the request of the student.

One transcript is issued to each student without charge; subsequent transcripts are issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Academic Dean. Upon securing the consent of the dean, the student is expected to meet all obligations involving instructors, fellow students, deans, dormitory residents, business manager, and registrar.

Students who leave the College without fulfilling these obligations receive "F"s in all courses in which they are enrolled and forfeit any returnable fees which may have been paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (except Bible 123, 124; Humanities 101, 102, 201, or 202) anytime prior to the taking of the final examination.

Classes dropped prior to the mid-term are evaluated with the grade "W." Classes dropped after mid-term are evaluated with the grade of "W" or "F" depending on whether or not the student is passing at the time withdrawal occurs.

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power of thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree is conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

- Completion of six semesters or ninety hours in residence in Milligan College.
- Fulfillment of all general education requirements and completion of a minor.
- Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

Co-operative programs enable students to enjoy the advantages of the distinctive ministries of two colleges. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three-year program at Milligan may receive the baccalaureate degree from Milligan and the engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a cooperative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four-year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College will include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student will complete an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University, which awards the B.S.N. degree. Interested persons should contact the Office of the Academic Dean or the nursing adviser.

Early Admission Program at the James H. Quillen College of Medicine at East Tennessee State University

Milligan College freshman pre-medical students have an opportunity to participate in the early admission program at the Quillen College of Medicine. Interested students must be exceptional in ability, apply for the program prior to their sophomore year at Milligan College, and successfully complete the screening process implemented by the Health Sciences Pre-professional Advisory Committee at Milligan College. For further information, contact the Chairman of the Health Sciences Pre-Professional Advisory Committee.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Academic Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina, and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

- (1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.
- (2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A university based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five-year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year, a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school. The degree is awarded by Milligan College.

For additional information contact the Chairman, Area of Scientific Learning.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation.

AMERICAN STUDIES PROGRAM

As a member of the Christian College Coalition, Milligan College offers a program in American Studies. This one semester program provides both course work and field work in Washington, D.C. Students completing the semester receive the following credits:

POLITICAL SCIENCE

- 360. The Presidency**--See Political Science 360.
361. Domestic Politics--See Political Science 361.
370. International Affairs--See Political Science 370.

ECONOMICS

- 360. The U.S. Economy**--See Economics 360.

FIELD WORK

- 491. Field Work**--See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Academic Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level.

Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students are responsible for providing their own transportation to and from Johnson City.



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies is made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries Missions
Religion Bible
Religious Education
Family Ministry

Area of Professional Learning

Education
Economics Business Administration
Office Administration Accounting
Health & Physical Education
Computer Science Legal Assistant
Organizational Management

Area of Humane Learning

Music Art English
French Greek Spanish
German Hebrew Humanities
Speech & Theatre Arts Philosophy
Communications

Area of Scientific Learning

Physics Biology
Mathematics Chemistry

Area of Social Learning

History
Psychology Sociology
Human Relations Geography
Political Science

THE DEVELOPMENTAL LABORATORIES

Some students come to college lacking the basic skills required for success in their course work. The Developmental Laboratories in mathematics, writing, and reading give students the opportunity to become more proficient in these areas. For those students whose admissions tests show a significant need, the appropriate labs become graduation requirements. The labs are open also to other students who realize that basic skills aid their college success. Programs for all participating students are individualized to meet their specific needs.

Mathematics--see Mathematics 090.

Reading--see Humanities 091.

Writing--see Humanities 093.

These hours do not count toward the 128 hours required for a degree.



Area of Biblical Learning



Dr. William C. Gwaltney, Jr., Chairman

BIBLE/MINISTRY

The Bible, the written revelation of God to mankind, is central to the curriculum in Milligan College. The Bible is not only a treasury of the world's literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting--geographical, cultural, linguistic, social--of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible/ministry consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 250 for two hours, 273, 276 or an acceptable Christian Ministries option that augments the student's vocational objectives, and 491 for two hours. The Bible/Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in biblical studies is available only to those who are also majoring in elementary education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

110. **An Introduction to the Restoration Ideal**--A review of the Stone-Campbell Movement in the Nineteenth Century and its doctrinal and practical implications for the Christian Churches in the latter part of the Twentieth Century. One semester hour.
123. **Old Testament Survey**--An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**--A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.

201. **The Life of Christ**--A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The First Century Church (Acts)**--An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. **Institutions of Israel**--A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**--A study of the history and techniques of archaeology in the biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Three semester hours.
295. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.
- 301-302. **The Prophets**--A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
321. **Prison Epistles**--An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**--An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**--A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. **Apocalyptic Literature**--A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.
- 351-352. **The Pentateuch**--A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
411. **Corinthian Correspondence**--A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.
412. **Romans and Galatians**--A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.
422. **Intertestamental Literature**--A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
452. **General Epistles**--A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.
471. **Christ and Culture**--A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

CHURCH HISTORY

- 341-342. Church History**--See History 341-342.
- 431-432. Reformation of the Nineteenth Century**--See History 431-432.

CHRISTIAN MINISTRIES

The program in Christian ministries seeks to prepare people for service in specialized areas of Christian leadership. Preparing for service in churches is a primary focus, so most courses include involvement with a congregation. This program serves as adequate preparation for entry level service in youth ministry, Christian education, and a wide variety of other options as well as graduate or seminary studies. Every major in the area of biblical studies is designed to include some of these courses so that the theoretical may become practical and every Christian will be encouraged to serve in the Church.

The Christian Education major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 304, 308, and 491 for two hours. The Christian Education major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Youth Ministry major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 318, 321, and 491 for two hours. The Youth Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in Christian education includes three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either 304 or 308.

The minor in youth ministry requires three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either 318 or 321.

The Christian Ministry minor requires three hours of Old Testament, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

- 217. Introduction to Youth Ministry**--A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This includes some practical experience and is intended both for those planning a career in youth ministry and those preparing for better church service. Three semester hours.
- 250. Practical Ministries Colloquium**--A six-semester cycle of seminar-based discussions and field trips focusing on practical aspects of ministry. Consideration is given to the general areas of worship, pastoral care, ethics,

administration, missions/evangelism, and sacramental theology. Open to anyone interested in ministry. One-half hour per semester.

261. **Introduction to Christian Education**--A survey course introducing the student to the total program of Christian education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.
270. **Introduction to Christian Missions**--A study of the biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
271. **History of Christian Missions**--A survey of the history and progress of missions since the beginning of Christianity. Offered only on demand. Three semester hours.
273. **Introduction to Ministry**--A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.
276. **Homiletics**--A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.
304. **Materials and Methods of Christian Education**--A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expression groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education**--A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
318. **Materials and Methods of Youth Ministries**--A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
321. **Leadership Development Seminar**--An interdisciplinary course in Bible and Social Learning designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
375. **Narrative and Story-Telling**--The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observations. Two semester hours.
415. **Studies in Contemporary Evangelism**--A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.

- 460. Family Ministry**--An exploration of the relationship between the church and the family with the aim of developing an approach to enhancing the relationship between those two institutions. Topics include the practical theology of family ministry, an overview of certain relevant Christological themes, a consideration of the nature of the Christian community, a consideration of the relationship between the family and the church, and specific suggestions with regard to developing a family ministry program for the local congregation. Four semester hours.
- 491. Practicum in Ministry**--Involvement in ministry either in a local congregation or a mission field with approved supervision and evaluation. Arrangements are to be made through the Bible Area Chairman. One to three semester hours. Note: This requirement is normally met during a term of not less than eight weeks during the summer following the junior year at a location other than the student's home.

RELIGION

- 350. Comparative Religions**--A comparative investigation of the structure and content of primitive, ancient, and contemporary religions. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion**--See Philosophy 351.
- 421. Sociology of Religion**--See Sociology 421.
- 450. Psychology of Religion**--See Psychology 450.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in family ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no Family Ministry minor, and no minor is required for majors in this program.

The following curriculum is required:

Old Testament	6 hours
New Testament	6 hours
History 341, 342, 431	8 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Christian Ministries 250	2 hours
Christian Ministries 460	4 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours

Sociology 321 or 413	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 491	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is purposely rooted in the area of biblical learning since an understanding of the universe and one's own place in it is predicated upon an understanding of God's purposes as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines--Bible and Sociology--which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 491) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The Missions major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no Missions minor, and no minor is required for majors in this program.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	4 hours
Christian Ministries 250 Practical Ministries Colloquium	2 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 491 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements--Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives--The following courses are recommended.

Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	

Area of Humane Learning



Dr. Richard Phillips, Chairman

Human achievement in the arts of thought and expression is one of the major studies in a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, theatre arts, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of church music, communications, English, music, and humanities. A minor may be taken in art, church music, communications, French, German, English, music, Spanish, and philosophy.

A special concentration in language arts is available only to those who are majoring in elementary education. In addition to the humanities required of all students, the concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

ART

The Art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other courses listed below.

- 203. Visual Composition**--Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. Three semester hours.
- 237. Basic Photography**--An introduction to the 35mm camera and basic dark-room procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.
- 250. Drawing Studio**--A class for either the novice or the experienced student. Students cover perspective solving, still life, the human figure, the human skeleton, landscape, portraiture, and a study of the masters. Three semester hours.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 311. **Art for Elementary Teachers**--Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.
- 337. **Photojournalism**--An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Three semester hours.
- 340. **Graphic Design**--A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Three semester hours.
- 350. **Painting Studio**--Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the student master the painting medium through working in still life and landscape and through copying the masters. Prerequisite: Art 203 or 250. Three semester hours.
- 375. **Studio Workshop**--An open studio course especially designed for the student interested in pursuing an art project. One to three semester hours.
- 490. **Independent Study**--Independent work for junior or senior art minors in an area of the student's interest. The student's program is under the supervision of the art professor. One to six semester hours.
- 495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.

COMMUNICATIONS

The major in communications prepares students for careers in the varied fields of oral and print communication. Each course and specialty within the major seeks to help students understand and analyze all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen careers as professional communicators.

The major in communications may be a B.A. program which will require completion of a foreign language through the intermediate level. The student may elect the B.S. degree which will require Mathematics 213 and Computer Science 100 and 275.

In addition to the twenty-one hours of core courses, a student must also complete twelve hours in one of the following specialties: Public Relations/Advertising, Broadcasting/Aural-Visual, Journalism, or Organizational Communications.

The minor in communications requires Communications 101, 201, 203, 205, and six hours of electives.

Required Core Courses

Communications 101
Communications 201

Communications 203
Communications 205

Communications 491
plus
two of the following

Communications 301
Communications 303

Business Administration 361
Business Administration 421

SPECIALTIES

Public Relations/ Advertising	Broadcasting/ Aural-Visual	Journalism	Organizational Communications
Com. 311	Com. 323	Com. 331	Com. 341
Com. 315	Com. 325	Com. 335	Com. 345
Com. 411	Com. 421	Com. 337	Com. 441
Com. 415	Com. 425	Com. 431	Com. 445

101. **Introduction to Mass Communications**--A survey of the history, structure, and processes of the American media system, including newspapers, magazines, radio, and television. The course also includes an introduction to newer forms of mass media, including a look into the future of such things as satellite, cable, and laser technologies and how they impact the media system. Three semester hours.
201. **Principles of Interpersonal Communication**--An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.
203. **Introduction to Visual Communication**--A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.
205. **Writing for Public Media**--An introduction to and practice in writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of newswriting itself. Three semester hours.
301. **History and Philosophy of American Media**--An in-depth examination of the origins and development of the American media system and its place in the overall economic and political system. Special attention is given to the ways in which competing philosophies have shaped the contemporary media. Three semester hours.
303. **Law of Mass Communication**--A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel, journalists' privilege, and obscenity law. Three semester hours.
311. **Public Relations Practices**--An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public relations within the media system as well as in the American social and political economy. Three semester hours.
315. **Media Advertising and Sales**--An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements are evaluated and critiqued, and the process by which advertising is developed and presented is included. Three semester hours.
323. **Fundamentals of Production**--An introduction to the process of producing programs for use in audio-visual media, whether for "limited" in-house use or for broadcasting. Practice is given in every step of the production process,

- from idea conception and program development, through script writing and taping. Three semester hours.
325. **Writing for Aural-Visual Media**--An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite: Communications 205. Three semester hours.
 331. **News Gathering and Reporting**--An introduction to the process of gathering and writing news which can be applied to either print or broadcast news. Attention is given to the differences involved in news handling of the two media types. Intensive practice is given in writing news for print and broadcast. Prerequisite: Communications 205. Three semester hours.
 335. **News Editing and Newspaper Production**--A study of the fundamentals of editing combined with the processing of edited materials through their production into print. Included are the newer forms of technology and how they affect the newspaper editing and production functions. Three semester hours.
 337. **Photojournalism**--An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisites: Communications 203 and Art 237. Three semester hours.
 341. **Principles of Organizational Communication**--An overview of organizational communication and the role that it plays in the American system. Attention is given to the nature of leadership, to organizational structure in business and industry, and to the processes by which complex tasks are carried out. Three semester hours.
 345. **Dynamics of Group Communication**--The study of how groups and collectivities of people organize and maintain themselves. The course includes a study of theories in group dynamics as well as an examination of why groups sometimes fail. Three semester hours.
 411. **Public Relations/Advertising Campaigns**--An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisites: Communication 311 and 315. Three semester hours.
 415. **Public Relations/Advertising Research**--A survey of major forms of research and audience-information gathering on which media sales and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as practice in audience surveying. Prerequisites: Communications 311 and 315. Three semester hours.
 421. **Advanced Production**--Supervised practice in the production of programs for broadcast or use in aural-visual settings. Production is planned and carried out for group work within the context of the course. Prerequisite: Communications 323. Three semester hours.
 425. **Seminar in Broadcasting**--An advanced study of the role and future of broadcasting or aural-visual media in American society. Particular attention is given to the changing nature of the industry and to its occupational requirements. Prerequisites: two courses in Broadcasting Specialty. Three semester hours.

- 431. Advanced Reporting and Writing**--Practice given in specialty forms of print journalism, including feature writing and public affairs reporting. Prerequisite: Communications 331. Three semester hours.
- 441. Leadership**--The study of various styles of leadership in organizational structures. Types of leaders are evaluated in terms of various kinds of organizations--voluntary, public, and private. Role playing is utilized to simulate organizational problems that call for leadership. Three semester hours.
- 445. Advanced Organizational Theory**--A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
- 491. Field Work**--A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level theatre arts courses may be applied to an English major. The English major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

- 211. Special Studies in Literature**--A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writing. Not applicable toward the English major or minor. One or two semester hours.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. Survey of American Literature**--A study of the literature of the

- American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
311. **Advanced Grammar**--Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Three semester hours.
 312. **Introduction to Linguistics**--A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
 313. **History of the English Language**--A survey of the development of the English language from its origins to the present. Three semester hours.
 354. **Children's Literature**--A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
 355. **Adolescent Literature**--A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.
 361. **Novel**--A study of the history and development of the novel as a literary type with special emphasis on British and American novels. Three semester hours.
 402. **Short Story**--A study of the development of the short story with some attention to creative writing. Three semester hours.
 - 411-412. **Contemporary Literature**--A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
 430. **Medieval Literature**--A study of selected works from significant writers of the Middle Ages along with a study of the historical context. Three semester hours.
 432. **Restoration and Eighteenth Century Literature**--A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
 434. **Romantic Movement**--A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Three semester hours.
 435. **Victorian Period**--A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Three semester hours.
 460. **Elizabethan Drama**--An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
 461. **Jacobean Drama**--An examination of the later Shakespearean plays with

collateral reading in the works of his fellow playwrights. Three semester hours.

- 462. Renaissance Poetry and Prose**--Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Three semester hours.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test. A student who scores high enough on the placement test to enter the third year of a language may receive credit for the second year of that language. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in foreign language is available only to those who are also majoring in elementary education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 36).

FRENCH

The minor in French consists of eighteen semester hours beyond the level of French 111-112.

- 111-112. Elementary French**--The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate French**--The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

- 301-302. Advanced Conversation and Composition**--Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of French Literature**--A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.
- 401-402. French Civilization and Culture**--A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German consists of eighteen semester hours beyond the level of German 111-112.

- 111-112. Elementary German**--The pronunciation and writing systems, oral mastery of basic structural patterns in dialog form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate German**--Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 301-302. Advanced Conversation and Composition**--Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 311-312. Survey of German Literature**--A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

- 490. Directed Studies--**A program of readings and conferences which provides for individualized study. One to three semester hours.

GREEK

- 111-112. Elementary Greek--**A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Readings in Johannine literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek--**The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 331-332. Advanced Greek Readings--**Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew--**Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew--**Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish consists of eighteen semester hours beyond the level of Spanish 111-112.

- 111-112. Elementary Spanish--**The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Spanish--**The reading of prose with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.
- 290. Independent Study--**Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition--**Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 312. Survey of Spanish-American Literature--**Reading of selections from the outstanding authors of several Spanish-American countries. Short compositions and discussion will be in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours.
- 495. Seminar--**A seminar designed to promote in-depth discussion, independent

research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow students to pursue an interdisciplinary course of study. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the Humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible. The humanities major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

Each student majoring in humanities works with an advisory committee selected from the humanities staff to design a program to meet the needs and desires of the individual student.

Students majoring in humanities are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students minoring in other fields may still major in humanities. There is no humanities minor.

091. **Reading Laboratory**--An integrated approach to reading and study strategies including time management, concentration, comprehension, note-taking, and test-taking. Not applicable toward any major or minor. Two semester hours.
093. **Writing Laboratory**--A course providing extra instruction for students who have below average writing skills. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also learn to organize and develop an essay. Not applicable toward any major or minor. One semester hour.
100. **Introduction to Humanities**--An introductory study of literature and history using an integrated approach to the subject matter. Special attention is given to improving the basic skills needed to master content material in the study of humanities. May be required of some students as a prerequisite to Humanities 101. Three semester hours.
- 101-102. **Humanities**--An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
200. **Humanities European Study Tour**--A study tour of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

201-202. Humanities--A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

490. Reading and Research in the Area of Humane Learning--An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES--PHILOSOPHY

HUMANITIES--FOREIGN LANGUAGE

FOREIGN LANGUAGE*

(Min. 18 hours)

211-212 Intermediate
301-302 Advanced
Survey of Literature
and additional upper
level language courses.

PHILOSOPHY

(Min. 18 hours)

321 Ethics
301-302 History of Philosophy
300-400 Electives

**Language emphasis available in French, German, or Spanish*

Twenty-four hours of junior and senior level course work in the Area of Humane Learning will be determined by the student's committee. Must include at least three hours of Humanities 490.



During the 1990-1991 Academic year the Milligan College Theatre for Young Audiences Company performed in over 100 schools in an eight county area of Northeast Tennessee and Southwest Virginia to a combined audience of 50,000 young people.



The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for a primary area of concentration and must complete applied Level VIII requirements and present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled in an ensemble each semester that they attend Milligan College. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music discussed above. The Music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition, the music student wishing to certify to teach shall take Music 451, 452, and Education 102, 153, 408, 451, and 452.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates is trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches broadens the student's musical and spiritual education while helping local congregations build their music programs. The Church Music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491 for six hours. Twelve hours of applied music with a proficiency examination and seven hours of ensemble are required. The Church Music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The general Music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester will count as one semester of the ensemble requirement completed. The Church Music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

Hearings for senior recitals are held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration are

required to take voice class but are not required to pass a voice proficiency.

PIANO

101. **Piano (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 102, 103-202, 203. **Piano (as a secondary concentration for music majors and minors)**--Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 104, 105-304, 305. **Piano (as a principal concentration for music minors)**--Preparation toward attainment of Level VI and completion of Proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 106, 107-406, 407. **Piano (as a principal concentration for music majors)**--Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
208. **Piano Proficiency (for music majors)**--A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
308. **Piano Proficiency (for music minors)**--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
309. **Piano Recital - (junior level)**--One half-hour performance. No credit.
409. **Piano Recital - (senior level)**--One hour performance. No credit.

VOICE

110. **Voice Class**--A study of the rudiments of vocal music, breathing, correct use of body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
111. **Voice (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 112, 113-212, 213. **Voice (as a secondary concentration for music majors and minors)**--Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 114, 115-314, 315. **Voice (as a principal concentration for music minors)**--Preparation toward attainment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

- 116, 117-416, 417. Voice (as a principal concentration for music majors)--**Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
- 218. Voice Proficiency (for music majors)--**A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
- 318. Voice Proficiency (for music minors)--**A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
- 319. Voice Recital - (junior level)--**One half-hour performance. No credit.
- 419. Voice Recital - (senior level)--**One hour performance. No credit.

ORGAN

- 121. Organ (as an elective)--**Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 122, 123-222, 223. Organ (as a secondary concentration for music majors and minors)--**Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 124, 125-324, 325. Organ (as a principal concentration for music minors)--**Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 126, 127-426, 427. Organ (as a principal concentration for music majors)--**Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
- 228. Organ Proficiency (for music majors)--**A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
- 328. Organ Proficiency (for music minors)--**A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
- 329. Organ Recital - (junior level)--**One half-hour performance. No credit.
- 429. Organ Recital - (senior level)--**One hour performance. No credit.

INSTRUMENTAL

Instrumental Instruction. Individual instruction in orchestral instruments is available

through East Tennessee State University (see page 36).

THEORY

- 041. Music Theory Fundamentals**--A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.
- 143-144. Basic Music Theory**--A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. Basic Ear Training**--A course covering identification, sight singing, and dictation. One semester hour each semester.
- 243-244. Advanced Music Theory**--A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. Advanced Ear Training**--A course in advanced study of material similar to 145-146. One semester hour each semester.
- 347. Form and Analysis**--A study of major forms of music. Two semester hours.
- 348. Orchestration and Arranging**--A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

METHODS AND SEMINARS

- 351. Music in the Elementary School**--Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 451. Methods and Materials for Elementary Music**--A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music**--A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.
- 456. Seminar**--Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.

CONDUCTING AND HISTORY

- 363. Basic Conducting**--A study of conducting patterns, elements of interpretation, and practice in sight singing. Prerequisite: Music 143 and 145. Two semester hours.
- 364. Advanced Conducting**--Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 365. Understanding Music**--Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 367-368. Music History and Literature**--A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

369. **Hymnology**--A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

181. **Milligan Men**--An ensemble of selected voices studying representative literature. One semester hour.
182. **Women's Ensemble**--An ensemble of selected voices studying representative literature. One semester hour.
183. **Handbells**--An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.
184. **Concert Choir**--A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.
185. **Symphonic Wind Ensemble**--An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.
186. **Chamber Singers**--A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.
187. **Madrigal Productions**--A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. One-half semester hour.
189. **Orchestra**--Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

COMPREHENSIVE EVALUATIONS

199. **Freshman Comprehensive**--A test of general music accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.
299. **Sophomore Comprehensive**--A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.
491. **Practicum in Church Music**--Applied music experience in an approved church music program. Two to six semester hours.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students minoring in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

301. **History of Philosophy (Ancient)**--A study of philosophy from the Greeks through Augustine. Three semester hours.
302. **History of Philosophy (Modern)**--A survey of the more important philosophical systems of the Western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
321. **Ethics**--A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
350. **Comparative Religions**--See Religion 350.
351. **Philosophy of Religion**--A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THEATRE ARTS

The Theatre Arts minor consists of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.

101. **Fundamentals of Oral Presentation**--A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
141. **Fundamentals of Voice/Stage Movement**--A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCog-based mask work and an introduction to stage dialects and stage combat. Three semester hours.
151. **Introduction to Theatre**--The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate

drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.

- 340. Fundamentals of Directing**--A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
- 341. Fundamentals of Acting**--A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
- 342. Advanced Acting**--A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
- 345. Theatre Workshop**--An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. One to six semester hours.
- 470. Readings in Drama**--A concentrated program of readings in drama designed to provide a solid repertory for the beginning dramatist. Prerequisite: six hours in Theatre Arts. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.





Area of Professional Learning



Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, office administration, education, and the legal assistant studies are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal education. Study in any one of these professional fields will prepare the qualified student for graduate study.

A student majoring in business administration and economics may not minor in accounting. A student majoring in accounting may not minor in business administration and economics. Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (controllorship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.



The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311-312, 411 or 415, and three semester hours of accounting electives at the junior or senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level.

211-212. Introductory Accounting--An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting--A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting--A study of the use of accounting information for managerial decisions with emphasis on the role of the controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312. Auditing--A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Three semester hours.

315. Not-For-Profit Accounting--A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

411-412. Federal Income Taxation--An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory--A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems--A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also has substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

- 491. Field Work**--A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree is offered with a choice of emphasis which allows the student to complete a strong core curriculum in business, accounting, and economics and to have one of six specialties allowing for in-depth study in a specific field. A grade point average of 2.25 is required for the major.

REQUIRED CORE COURSES (24)

Economics 201-202
Accounting 211-212
Economics 301

Business Administration 315
Business Administration 361
Computer Science

EMPHASIS

General (9)
Any nine hours of
Economics,
Business, or
Accounting

Marketing (9)
Bus. Adm. 304
Bus. Adm. 316
Bus. Adm. 363

Management (9)
Bus. Adm. 362
Bus. Adm. 375
Bus. Adm. 445

Economics (9)
Economics 304
Economics 403
Economics 451

Accounting (9)
Acct. 301-302
Acct. 311

Office Administration (11)
Office Adm. 351-352
Office Adm. 470-472

The Business Administration and Economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 280, and six hours of business, accounting, or economics electives at the junior and senior level.

BUSINESS ADMINISTRATION

- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**--A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological

- principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Three semester hours.
- 315. Marketing**--A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 315L. Computer Projects in Marketing**--A computer applications laboratory focused on the major marketing decision areas using "What if" analysis. Must be taken with Business Administration 315. One semester hour.
- 316. Marketing Communications**--A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**--A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
- 332. Management Information Systems**--A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 212. Three semester hours.
- 361. Principles of Management**--A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**--A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 362L. Computer Projects in Personnel Management**--A computer applications laboratory focused on areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Must be taken with Business Administration 362. One semester hour.
- 363. Industrial and Public Relations**--A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 375. Small Business Management**--A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Three semester hours.
- 421. Business Ethics**--A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical

foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.

- 445. Advanced Organizational Theory**--A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
- 491. Field Work**--A practicum experience that involves the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

- 201-202. Principles of Economics**--A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance**--A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
- 304. Government and Business**--See Political Science 304.
- 360. The U.S. Economy**--A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
- 403. Money and Banking**--A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Three semester hours.
- 451. Comparative Economic Systems**--A comparative and analytical study of capitalism, socialism, and communism as they have developed in the countries whose economies they characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The Computer Science program at Milligan is designed to teach the relationship of the computer to the contemporary world. It is composed of courses in computer science and computer applications.

Courses required for a major in computer science are Computer Science 211, 212, 216, 217, 341, 343, 411, 431, and three hours of electives in computer science chosen from Computer Science 104, 213, 322, 332, or 495 with permission of the instructor; Business Administration 421; Economics 201, 202; Math 213. Economics 201 and 202 and Math 213 will meet the general core requirements.

The minor in computer science consists of Computer Science 211, 213, 280, 341, 411, and three hours of electives in computer science chosen from Computer Science 104, 212, 322, 332, 343, or 495 with permission of the instructor; Business Administration 421; and Math 213. Math 213 will meet the general core requirement. A proficiency test is available for Computer Science 100 and 104 for those students who already have knowledge in these areas.

100. **Computer Applications**--An overview of the computer as it can be used in our everyday lives. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a computer science major or minor. One semester hour.
104. **Basic Programming**--An introduction to programming in BASIC with applications in business, science, social sciences, and education. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.
211. **Programming I**--An introduction to all aspects of programming and the problem-solving process. A structured high-level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. Three semester hours.
212. **Advanced Programming and Data Structures**--A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, graphics, and data structures. Topics will include lists, stacks, queues, linear structures, and trees. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
213. **COBOL**--A study of programming techniques appropriate to the preparations of business oriented computer systems using the COBOL programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
216. **Computer Architecture**--An introduction to computer architecture including the hardware and software of a modern computing system. Attention is given to operating system components including I/O handling, memory management, interrupt handlers, assemblers, linkage editors, data and instruction representations, trouble-shooting, and maintenance of microcom-

- puters. Prerequisite: Computer Science 212. Three semester hours.
217. **Assembly Language**--The assembly language of a microcomputer including the instruction set, pseudo-operations, macros, conditional assembly, object code, dumps, coding and linkage conventions, addressing techniques, and use of the assembler. Prerequisite: Computer Science 216. Three semester hours.
275. **Word/Information Processing**--A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also involves "hands-on" experience with a popular word processing package. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
280. **Special Topics**--A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
322. **Survey of Programming Languages**--A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 212. Three semester hours.
332. **Management Information Systems**--See Business Administration 332.
341. **Systems Analysis and Design**--A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
343. **System Documentation**--A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Prerequisite: Computer Science 341. Two semester hours.
411. **Database Management**--A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 341. Three semester hours.
431. **Operating Systems**--A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multiprogramming and timesharing, command languages and JCL, libraries and linkage editors, and multiuser systems. Prerequisite: Computer Science 212. Three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT STUDIES

The purpose of Legal Assistant Studies is to prepare students to function as legal

secretaries or paralegals. Legal assistants work with attorneys, but are not authorized to practice law. They take cases, appear in court, or set fees. The Legal Assistant program prepares people to assist attorneys in doing many valuable tasks under supervision; it does not attempt to qualify people to give legal advice, nor is it a necessary prerequisite for admission to law school. The program may serve as the major in a baccalaureate program or for mature students with special needs as a certificate (non-degree program). The secretarial emphasis focuses upon computer, interviewing, and management/organizational skills as well as some legal content courses. The paralegal emphasis focuses upon legal content with prerequisite research, computer, and communication skills.

The Legal Assistant major requires the completion of thirty-three hours including Legal Assistant 110, 210, and 310 plus twelve hours of legal technical courses chosen from the following: Legal Assistant 320, 340, 350, 355, 360, 410, 420, and 430. Those choosing the secretarial program will select Office Administration 231, 331, Legal Assistant 491 for four hours, and either Computer Science 275 or Office Administration 470. Those choosing the paralegal emphasis will select Legal Assistant 491 for three to six hours and six to nine hours of law-related courses from the following: Business Administration 321, 322, 421; Sociology 311; Economics 301; or any accounting courses. In addition to the specific courses required in the major, the student must have Psychology 357, Computer Science 280, and a 3.0 in English composition. To continue in the program, the student must have a 2.50 grade point average at the beginning of the junior year and a 2.75 at the beginning of the senior year. The certificate program requires the completion of the major plus thirty hours of general education, including Bible 123 and 124. The student must have a 2.75 cumulative grade point average in order to receive the certificate.

110. **Introduction to the Legal Assistant Field**--A survey of the rise, development, and present status of the profession. Included are visits to law offices and courts and contact with paralegal associations and court officials. The course is designed to allow the student to gain an initial familiarity with the field. Two semester hours.
210. **Legal Research and Writing**--An introductory course in legal research, including the preparation of legal pleadings, complaints, motions, petitions, orders, judgments, and correspondence. Three semester hours.
211. **Legal Research and Writing II**--A continuation of Legal Assistant 210 emphasizing research skills and the application of these skills in the preparation of legal documents. Also considered are the preparation of legal memoranda and various kinds of documents required in a lawsuit. Three semester hours.
310. **Litigation**--A consideration of the various aspects of pretrial and trial procedure including rules of the court procedure, pleadings, discovery, motions, pretrial conference, settlement, and conduct of the actual trial. Three semester hours.
320. **Domestic Relations**--A study of the legal forms and procedures involved in family law: divorces, legal separations, annulments, adoptions, support agreements and enforcement, property division, and related problems. Three semester hours.
340. **Business Organizations**--A consideration of the forms and techniques involved in the creation, management, and dissolution of corporations, partnerships, and joint ventures. Included are articles of incorporation, corporate charters, bylaws, requirements of initial meetings, stock subscrip-

tions, and partnership agreements. Three semester hours.

- 350. Torts**--A study of the legal concepts and procedures with which the paralegal must be familiar in order to assist the attorney in developing cases involving negligence, malpractice, and product liability. Three semester hours.
- 355. Criminal Law for Legal Assistants**--A study of the role of the legal assistant in assisting the criminal lawyer in investigating, interviewing, researching, and organizing the case. Basic concepts of criminal law and the criminal justice system, to the extent such knowledge is necessary for a paralegal to function effectively, are also considered. Three semester hours.
- 360. Real Estate Law**--The study of real estate law concepts, forms, and vocabulary. The student becomes familiar with real estate documents, title abstracting, real estate loans, and closing documents. Three semester hours.
- 410. Estates, Wills, and Trusts**--A study of the legal requirements and forms of wills, basic estate planning, estate administration, and probate procedures. Also included are the creation of trusts and their administration and the requirements and procedures for handling state and federal estate and inheritance taxes. Three semester hours.
- 420. Contract and Uniform Commercial Code Forms**--A consideration of the forms and requirements of a valid contract, with special emphasis on commercial forms, such as security agreements, financing statements, perfection of security interests, and purchase and shipping agreements. Recommended Prerequisite: Business Administration 321-322. Three semester hours.
- 430. Debtor/Creditor Relations**--A consideration of the forms and procedures incident to Article 9 of the Uniform Commercial Code plus types of bankruptcy and their relevant forms and procedures. Three semester hours.
- 491. Field Work**--Supervised field work in various law offices and legal agencies, designed to give the student broad exposure and initial practical competences. Three to six semester hours.

OFFICE ADMINISTRATION

Three courses of study are offered in office administration:

A two-year Associate in Science degree program with a major in secretarial services.

A two-year Secretarial Services Certificate program.

A minor in office administration.

Associate Degree

The Associate in Science degree in Secretarial Services is designed for the two-year secretarial student who wants a broad liberal arts background and an accredited degree. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123-124; Humanities 101-102; Psychology 100; Accounting 211-212; Economics 201-202; Office Administration 131, 132*, 143, 144*, 231, 243, 351, 352, 470, 472; Computer Science 275; three hours of electives in Office Administration, and three hours of general electives.

Secretarial Services Certificate

This intensive two-year secretarial program is designed for students who desire to

acquire vocational competence in the setting of a Christian liberal arts college. The curriculum consists of Bible 123-124; Economics 201-202; Psychology 100; Office Administration 131, 132*, 143, 144*, 231, 243, 275, 331, 351, 352, 470, 472; two hours of physical education activity courses; and twelve hours of general electives.

***NOTE:** Students who have taken typing and/or shorthand in high school may take a placement test before registration to demonstrate typing and/or shorthand proficiency. Students demonstrating proficiency may take substitute electives in business administration or office administration in place of Office Administration 131, 132 and/or 143, 144.

The minor in office administration consists of Office Administration 231, 275, 280, 351, 352, 470, and 472.

- 131. Keyboarding--**Mastery of keyboard and other working parts of the typewriter. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who would like to have basic typing skills for personal use or computer keyboard. One semester hour.
- 132. Intermediate Keyboarding--**Format and typing of personal correspondence, tables, outlines, and reports. Building speed and improving control are emphasized. Prerequisite: Office Administration 131 or placement test based on 45 gross words per minute typing speed. Two semester hours.
- 143. Beginning Shorthand--**A thorough and systematic study of the basic shorthand principles and outlines of Gregg shorthand through the reading of shorthand and drill in writing shorthand. Three semester hours.
- 144. Intermediate Shorthand--**A review and reinforcement of the basic principles of Gregg Shorthand. Speed building and accuracy are emphasized. Prerequisite: Office Administration 143. Three semester hours.
- 231. Advanced Typing--**A comprehensive review of letter writing and tabulation. Manuscripts, proofreading, numbers, legal documents, and other business forms are emphasized. Three semester hours.
- 243. Advanced Shorthand--**Intensive practice in reading and writing for the development of speed and accuracy, advanced study in dictation and transcription, machine practice in dictation, and study of secretarial procedures and practices. Three semester hours.
- 275. Word Processing--**See Computer Science 275.
- 280. Special Topics--**See Computer Science 280.
- 331. Legal Office Typing--**A comprehensive program in four major fields of law: Real Estate and Property Transfer; Litigation; Wills, Estates, and Guardianships; and Partnerships and Corporations. Practice material is provided to familiarize the student with legal terminology and procedures and to acquaint the student with legal format, parlance, vernacular, and dictation rules. Prerequisite: Office Administration 231. Three semester hours.
- 351. Business English--**A review of English grammar and a study of the various types of business letters emphasizing the principles underlying effective business letters and providing practice in applying these principles. Three semester hours.
- 352. Communications in Business--**A consideration of the principles of good

business writing: clarity, conciseness, and verbal precision. Two semester hours.

- 360. **Records Management**--A systems approach to the field of records management including the criteria by which records are created, stored, retrieved, and disposed of and the procedures for the operation and control of manual and automated storage systems. The concept of business information systems is applied to records management. Two semester hours.
- 470. **Administrative Office Management**--A study of systematic information processing and its role in administrative office management. Also included is an in-depth study of the three main components of effective information processing: employees, equipment, and work process. Three semester hours.
- 472. **Secretarial Procedures**--An advanced course in office procedures and the use of business machines. Prerequisite: Office Administration 231 and 243. Three semester hours.
- 491. **Field Work**--A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about business and possible occupational choices. One to three semester hours.

ADULT EDUCATION PROGRAM IN ORGANIZATIONAL MANAGEMENT

Milligan College offers a degree completion program for adults twenty-five years and older who have completed sixty or more semester hours of college credit. The program includes a general education core of humanities, social and behavioral sciences, natural sciences, and Bible. A limited amount of credit may be given for prior learning experiences. The program may be completed in fifty-three weeks. Classes are taught one evening per week in modules of five to six weeks each; a sequence of these modules is begun periodically throughout the year.

The degree in organizational management prepares the student for leadership in both for-profit and not-for-profit organizations by providing knowledge of management, communication, modern world commercialism, social psychology, ethics, and biblical and cultural studies.

Courses are listed in the order in which they are taken.

- 301. **Adult and Professional Development**--An examination of adult learning theory and learning styles. Professional development is analyzed in terms of needs, goals, lifestyles, and future career trends. One semester hour (three weeks).
- 310. **Interpersonal Communication**--A study of the role of interpersonal communication in professional and personal relationships. Such skills as listening, attitude development, conflict resolutions, and problem solving provide the focus for reading and practice. Three semester hours (six weeks).
- 313. **Statistical Methods and Research**--A study of problem analysis and evaluation techniques. Basic statistical methods are applied to specific research projects. Three semester hours (five weeks).
- 460. **Senior Thesis - Part I**--A project which provides students the opportunity to use library resources, including a computerized literature search, in preparation for a major research project. Each student analyzes a problem in the business/organizational environment. Part I includes the conceptualization of

- the problem and the application of the appropriate research methodology to examine possible solutions. Two semester hours (three weeks).
410. **Group and Organizational Behavior**--A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolutions. Three semester hours (five weeks).
 415. **Economic Environment of Management**--An examination of the economic framework in which financial and business management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payments deficits, and unemployment. Three semester hours (five weeks).
 361. **Principles of Management and Supervision**--An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours (six weeks).
 363. **Human Resources Administration**--An exploration of the policies of recruitment, selection, training, development, and compensation of employees. Attention is given to Affirmative Action, Equal Employment Opportunity, and Office and Safety and Health Administration legislation. Three semester hours (five weeks).
 421. **Ethics: Social/Business/Personal**--A study of ethical theories and their application to business, social, and personal values. The experience provides students the opportunity to formulate or clarify a philosophy of life and a personal ethic for decision-making in the workplace. Three semester hours (five weeks).
 471. **Christ and Culture**--A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Three semester hours (six weeks).
 461. **Senior Thesis - Part II**--A continuation of Organizational Management 460 focusing upon the solutions to the research problem and the details of implementation. Four semester hours (three weeks).

EDUCATION

The program of teacher education is designed to serve students who wish to be licensed for teaching elementary, secondary, early childhood, and/or exceptional children. Education courses also give the Christian education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters students complete fifteen weeks of full-time student teaching and attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Milligan College students make application for teacher education while enrolled in the Introduction to Teaching class. Students must have a 2.5 grade point average.

complete the Pre-Professional Skills Test (PPST) with Tennessee approved scores, and be accepted by an admission board for full admission to teacher education. Students who have at least a 2.25 grade point average and have passed at least two of the PPST subtests may have provisional admission. The PPST is given each semester. Students with an Enhanced ACT score of 22 or an SAT score of 990 may be exempt from taking the PPST.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw any time before completion.

Licensure

Milligan offers curricula for licensure issued by the State of Tennessee for elementary teachers, secondary teachers, special education teachers, and early childhood teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to licensure in many states throughout the nation.

National Teacher Examination

Students in the teacher education program are required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 102, 153, 407 or 408, and Psychology 252. Elementary education students should have completed methods courses, and secondary students should have completed Education 471. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only fifteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education asks for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience consists of orientation classes and a fifteen week experience in an assigned school. The students observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.

Special Arrangements of Education Courses

Elementary education students should plan to enroll simultaneously in three courses: Education 315, 316, and English 354. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive time of instruction, a time for a clinical diagnosis and teaching of one child with reading problems, and a time to work with a reading group in the school.

Elementary Education Major

The Elementary Education major prepares the student to teach in grades K-8. The student selects a specialty with either an early childhood grade or a middle grade emphasis. Elementary education majors take general education requirements: Bible 123, 124, 471; Theater 101; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; Geography 201 or 202; Sociology 201; and Health and Physical Education 101 and one hour of Physical Education activities.

The Elementary Education major consists of Math 103 and 104; Art 311; Health and Physical Education 111 or 411 and 303; Biology 350; Music 351; English 354; History 309 and 310; and Education 102, 153, 315, 316, 407, 441, 451, and 452.

Students completing the Elementary Education major must also complete an area of concentration. Areas of concentration for elementary education early childhood emphasis or middle childhood emphasis are as follows. The Child Development concentration consists of Education 444; Sociology 303; Psychology 250, 259, 353, 357, 404, and an elective in psychology. This concentration is available only to those with an emphasis on early childhood. The Bible Studies concentration consists of Bible 201 and 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303; and 12 hours of electives from Sociology, Psychology, Economics, History, Geography, or Political Science with no more than six hours of the electives in the concentration from one field. The Mathematics concentration consists of Math 111, 112, 211, 213, 304 and Computer Science 104. The Science concentration includes Biology 360 and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 150, 151, 170, 171; and Physics 203, 204. Both biology and physical science should be represented in this choice. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary education students have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for licensure in secondary education is designed for those interested in a teaching career in the junior or senior high school. Students completing the licensure will also complete an academic major and an academic minor. The following areas are licensure endorsement areas: Biology, Business, Chemistry, Economics, English, General Science, History, Mathematics, Psychology, Sociology, French, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, licensure in secondary education requires completion of the following: Mathematics 107 or 213; Psychology 252; and professional education courses including Education 102, 153, 408, 451, 452, and 471. An English major must complete Education 317.

K-12 Curriculum

Music, Health, and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses.

Special Education Curriculum

Milligan College offers a noncategorical special education curriculum with emphasis in learning. The curriculum combines the knowledges and skills required to meet the Tennessee Guidelines for Comprehensive and Modified Programs. Graduates of the Milligan College special education program are educated to teach both severely and mildly handicapped children. Practica include experiences with learning disabled, mentally retarded, physically handicapped, emotionally disturbed, and gifted children. Since the program is closely related to psychology, the curriculum is organized to include a variation of the psychology major. Special education requirements include Math 103, 213; Education 102, 153, 231, 315, 316, 432, 433, 437, 438, 451, 452; Health and Physical Education 406; Sociology 201, 303; Psychology 250, 252, 259, 353, 357, 358, and 454.

Those who desire licensure in both elementary education and special education may combine the social studies concentration and special education in lieu of the modified psychology major.

102. **Computers in Teaching**--Computer application for use in the K-12 classroom and for the teacher's record keeping and research. One semester hour.
153. **Introduction to Teaching**--A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings will be included. Two semester hours.
231. **Psychology and Education of Exceptional Children**--An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**--See Psychology 252.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**--A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.
316. **Diagnosis and Remediation in Reading**--A study of the diagnosis of reading skills and the objectives, methods, and materials for the correction of reading difficulties. Direct contact with children in tutorial and group teaching situations is included. Three semester hours.
317. **Secondary School Reading**--A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Three semester hours.
407. **Middle Grades Foundations**--History, philosophy, and social foundations of middle grade education. Also included is a discussion of the curriculum, learning styles, language learning, and characteristics of the children of the middle grades. Field experience included. Three semester hours.
408. **Secondary School Foundations**--History, philosophy and social foundations of secondary education. Characteristics of adolescents, legal aspects of teaching, organization of schools, and the curriculum of secondary schools will be discussed. Three semester hours.
432. **Learning Problems of Exceptional Children**--A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
433. **Educational Procedures for Exceptional Children**--Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped,

gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.

434. **Practicum in Special Education**--A student practicum in a special education classroom. Three semester hours.
437. **The Mentally Retarded Child**--A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
438. **The Multiple Handicapped Child**--The nature and needs of individuals with severe, profound, and multiple handicaps with emphasis on basic educational approaches and on the roles of federal, state, and local agencies in providing services to this population. Three semester hours.
441. **Early Childhood Education**--A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
443. **Early Childhood Practicum**--A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
444. **Literacy in Young Children**--The development of literacy during the early years 0-8. The course includes the study of environmental influences and methods that enrich or delay emerging literacy and language. Group activities for early childhood programs are explored. Three semester hours.
451. **Seminar in Student Relations and Special Education**--A seminar discussion of classroom management. Characteristics of main-streamed handicapped students are described. The seminar must be taken during the semester of directed teaching. Three semester hours.
452. **Student Teaching: Practicum in Teaching Skills**--A practicum in lesson planning and instruction. An extensive orientation prepares the student for a fifteen week student teaching program which includes the perfecting of the planning and instruction skills in the classroom setting. Included for K-12 and secondary students is a discussion of reading in the content area. Twelve semester hours.
471. **Materials and Methods in Specific Subject Areas**--Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.

THE MASTER OF EDUCATION PROGRAM

The Master of Education degree is a fifteen-month professional educational program which prepares teachers for the high level of competence expected by public and private educational institutions. This program increases both the quality and quantity of the educational experiences for teachers in all three areas of teacher training: general education, specialty studies, and professional education.

The M.Ed. program is designed for (1) students who have a bachelor's degree with a strong general education component, some specialty or endorsement area, and some introduction to educational methods and for (2) licensed teachers who have a bachelors degree and teach at the elementary or secondary level. For those students without licensure, the program consists of 45 semester hours which include licensure; for those already licensed, the requirements consist of 36 semester hours. Either group may finish the program in two summers and one academic year (i.e. fifteen months).

Goals of the Master of Education Degree

Special goals for the graduate program at Milligan College are as follows:

1. To provide students with research techniques and projects which will be focused toward professional development.
2. To provide opportunity for review of current literature related to the theory and practice of teaching.
3. To provide knowledge of student characteristics to support the instruction and management responsibilities of the teacher.
4. To increase the professional competencies of both elementary and secondary teachers at the preservice and the inservice levels.
5. To promote the professional studies at the graduate level to allow more opportunity for liberal arts and teaching specialty studies at the undergraduate level.
6. To encourage creativity in curriculum designing to include lesson planning, subject matter presentation, and classroom leadership.
7. To provide a sound foundation for further graduate study.

ACADEMIC AND FINANCIAL INFORMATION

Financial Information

Tuition is \$120 per semester hour for the 1991-1992 school year. Financial aid is available through supplemental loans for students, guaranteed student loans, and teacher loan scholarships (for those seeking certification in math, science, art, or music). A non-refundable application fee of \$20.00 is required with the application.

Library

The P.H. Welshimer Library supports the academic program by providing research materials in all subject areas.

More than 100 journals and periodicals are included in the Education Index and the Current Index to Journals in Education. The Library holds the collection of ERIC documents on microfiche from 1986 through the present and indexing to all ERIC

documents from 1966 to the present. The Library also subscribes to EasyNet gateway service which gives faculty and students access to over 850 data bases. Membership in the Southeastern Library Network gives access to the inter-library loan sub-system.

Curriculum Center

The Curriculum Center houses a textbook collection, teacher aide materials (including games and manipulative materials), curriculum guides, and professional books. Also included are films, filmstrips, video and audio tapes, and records. A work space, including four computers, is a part of this center. Educational equipment, including 16mm projectors, filmstrip projectors, slide projectors, and video cameras and recorders are housed in the Library. A complete set of audio-visual equipment is stored in both the Curriculum Center and the classroom where teacher education classes meet. The Curriculum Center has a transparency maker, a laminating press, and an opaque projector.

Computer Services

Milligan College has recently purchased the new IBM PS/2 Model 30's for the two computer labs. One lab is located in the Library and contains twenty PC's. A second lab is located in Derthick Hall and contains nine PC's. Also located in Derthick Hall is a third lab which contains five Apple computers. The Derthick labs are available to the students from 8:00 a.m. to 5:00 p.m. Monday through Friday unless a class is in session and three nights throughout the week. The Library lab is open the same hours as the Library with tutors available starting at 6:00 p.m. on weekdays and all day on the weekends.

Milligan also has thirty other IBM PC's which are located throughout the campus. These computers are available to the faculty and staff.

Full Standing

The minimum requirements for admission to the M.Ed. program are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of at least 2.75 or an overall undergraduate grade point average of at least 2.5 and a minimum score at the 35th percentile (National Norms) on the Miller Analogies Test.

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Miller Analogies Test score.

Students who do not meet the above requirements may be classified into one of the following categories:

Provisional Standing

The minimum requirements for provisional standing are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of 2.25 or a minimum score at the 25th percentile on the Miller Analogies Test (National Norms).

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.

Special Standing

Students who declare a non-degree graduate objective or transient students who have been admitted to graduate schools of other institutions are assigned to Special Standing. Non-degree status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives. When a student in non-degree status has been reclassified to Provisional or Full Standing at Milligan College by the Academic Dean and the Director of Teacher Education, a maximum of nine semester hours of Special Standing credit may be counted toward a degree objective.

Transient students may enroll with special admission status. Each applicant must provide the Graduate Office with a completed application for admission and a letter of approval from the Academic Dean or Registrar from the student's home institution.

Admission to Candidacy

Graduate students must make application for admission to candidacy immediately following the completion of twelve semester hours of graduate credit at Milligan College. If application is not made at this time, the student may not be permitted to register for subsequent work until the application is approved. These twelve hours normally include the Introduction to Research Methodology. The requirements which must be met before approval of admission to candidacy are as follows:

1. Achievement of full standing.
2. Completion of at least twelve semester hours of graduate credit at Milligan College with a minimum grade point average of 3.0
3. Completion of undergraduate requirements for teacher licensure as follows:
 - A. **Elementary education**--(1) basic pattern of liberal arts courses to assure licensure, (2) methods in reading and mathematics, (3) practicum in teaching or
 - B. **Secondary education**--(1) basic pattern of liberal arts courses to assure licensure, (2) specific courses in endorsement areas to assure licensure, (3) practicum in teaching.

Academic Probation and Retention Standards

When a student's cumulative average on courses applied toward the graduate degree falls below 3.0, the student will be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.0, the student's record will be reviewed by the Teacher Education Faculty for possible dismissal from the M.Ed. program. Students earning more than two C's may be suspended from the program.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be transferred from other approved institutions to the Milligan M.Ed. degree program.

Admissions Committee

Admission to the program is determined by an Admissions Committee made up of the Director of Teacher Education and two faculty members.

Admission of Seniors to Graduate Study

An undergraduate student who needs less than a semester or summer term of credit to complete the requirements for the bachelor's degree may be admitted to some graduate classes. If this student appears to be able to achieve provisional or full standing in the graduate program at the conclusion of the semester, the student may enroll in up to six hours of graduate credit to fill out a semester or summer term schedule with the approval of the Academic Dean of the College and the Director of Teacher Education.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within a six-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the teacher education faculty upon the recommendation of the student's graduate advisory committee and the Director of Teacher Education.

Comprehensive Examination

During the final semester of the graduate program each candidate must pass a comprehensive examination conducted by the candidate's advisory committee. Examinations may be oral and/or written. Should the student fail to pass this



examination, the student may apply for a re-examination. The faculty may require that additional courses be taken, and they will have the option of giving an oral or a written examination to the student.

Grade Requirements for Graduation

Students must attain a 3.0 average for graduation.

Research Project

Students will complete a research project which begins in the research class. The project features research related to the school setting of the internship assignment or to the school setting where a student is working as a full-time teacher. There are designated check points established for students to report on their research projects. These projects are presented in a seminar near the end of the student's graduate program.

National Teacher Examinations

Students who have not taken the National Teachers Examination Core Battery Tests and Specialty Area Examinations should complete at the end of their programs these examinations with Tennessee approved scores.

CURRICULUM

The three curricula which lead to the M.Ed. degree include the elementary program, the secondary program, and the program for licensed teachers. The elementary and secondary programs are designed for persons who need licensure to enter the teaching profession. These programs are built upon a strong liberal arts major and minor, including a full year internship and a research project. They require 45 hours of graduate credit.

The program designed for licensed teachers includes (1) a focus on current teacher strategies and curricular development and (2) a social-studies component designed to give the graduate student a greater understanding of the culture of the community, the function of the family, and the teacher's relationship to persons being inducted into the profession. This curriculum requires a research project and 36 hours of credit.

The three models described below may be completed in one year and two summers (fifteen months).

Core Courses (21 hours)

511. Study of Research Methodology	3 hours
512. Research Seminar	3 hours
522. Classroom Management and Instruction	3 hours
523. Materials, Media, and Community Resources	3 hours
561. Seminar in Foundations	3 hours
562. School Organization and Law	3 hours
563. Advanced Educational Psychology	3 hours

Elementary Education Courses (24 hours)

530. Survey of Special Education	3 hours
541. Fine Arts Methods	3 hours
542. Health and Physical Education Methods	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Secondary Education Courses (24 hours)

524. Teaching Strategies	3 hours
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527. Teaching of Reading in Content Areas	3 hours
530. Survey of Special Education	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Courses for Certified Teachers (15 hours)

524. Teaching Strategies	3 hours
526. Mentorship	3 hours
531. Analyzing Community Culture	3 hours
532. Counseling of Children and Families	3 hours
Elective	3 hours

Graduate Course Load

The normal course load for full-time students in the M.Ed. program is nine to twelve hours per semester. In certain cases, the Academic Dean and the Director of Teacher Education may approve a fifteen hour load for exceptional students.

511. **Study of Research Methodology**--A study of problem-solving, research methods, and research design and an introduction to basic statistics used in experimental and descriptive research. The course includes preparation of an acceptable research prospectus for a research project and the review of principles of research interpretation. Three semester hours.
512. **Research Seminar**--Completion of the research study begun in the research methodology course. Students discuss types of data, published research, and principles of research interpretation. Each student reports on his or her own research findings. Three semester hours.
521. **Test Construction and Interpretation**--A discussion of strategies for constructing teacher-made tests including true-false, matching, multiple-choice, and essay questions. Students learn how to read and interpret standardized test scores for student diagnosis. Three semester hours.
522. **Classroom Management and Instruction**--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.
523. **Materials, Media, and Community Resources**--A study of audio-visuals available to the teacher, including video equipment, computers, and community resources. Three semester hours.
524. **Teaching Strategies in Specific Teaching Areas**--A study of the current curriculum and teaching strategies being used in a specific teaching area. Three semester hours.
525. **Structure of the Curriculum**--A study of current trends in curriculum development. Students learn how to define objectives, plan for improvement, and organize instructional materials. Three semester hours.
526. **Mentorship**--A study of the literature related to mentorship. Students are made aware of modern school practice requiring that teachers develop a mentor relationship with teachers in the induction phase of teaching including both the internship and the first year of teaching. Three semester hours.
527. **Teaching of Reading in Content Areas**--A discussion of secondary reading

and study strategies as well as techniques for diagnosis and instruction in reading. Three semester hours.

- 528. **Teaching Reading**--Current diagnostic strategies and methods for teaching reading including word recognition, word analysis, and comprehension. Three semester hours.
- 529. **Teaching Mathematics**--A study of the presentation of calculation skills and applied mathematics problem solving appropriate to the elementary schools. Remediation strategies are included. Three semester hours.
- 530. **Survey of Special Education**--A study of issues and trends affecting special education including attention to characteristics of persons who are exceptional in some way. Three semester hours.
- 531. **Analyzing Community Culture**--A discussion of anthropological skills for studying a community. Some discussion of various sub-cultures in the United States is included. Three semester hours.
- 532. **Counseling of Children and Families**--A study of counseling principles important to teachers as they interact with children and their families. Three semester hours.
- 541. **Fine Arts Methods**--A study of art, music, and drama strategies and techniques useful to the elementary teacher. Three semester hours.
- 542. **Health and Physical Education Methods**--Reading and discussion of material related to fitness and health concerns. The course includes instruction related to physical activity and rhythmical activities. Three semester hours.
- 551. **Internship**--Full days of teaching and school-based professional growth. In addition to a specific teaching assignment the student may have observations of various school situations, including multicultural, handicapped, rural, and urban settings. Some experiences to develop psychological readiness for the profession are included. Six semester hours.
- 552. **Internship**--A continuation of the internship involving greater responsibility in the teaching assignment. Six semester hours.
- 561. **Seminar in Foundations**--Student involvement in presentations and discussion related to the historical, philosophical, and sociological background of education. The American theoretical approaches to education are emphasized. Three semester hours.
- 562. **School Organization and Law**--A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Specific laws related to schools in Tennessee and in the nation are discussed. Three semester hours.
- 563. **Advanced Educational Psychology**--A study of the application of psychological theories and research to classroom setting. Topics covered include student characteristics, mental health, personality, learning theories, group dynamics, motivation, and evaluation. Three semester hours.
- 590. **Directed Study**--Research related to a specific educational problem under the direct supervision of an instructor. One to six semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 204 or 205 or 206, 208, 209, 211, 300, 301, 303, 311, 312, 403, 404, 406, and 411. Also required are Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 204 or 205 or 206, 208, 209, 300, 303, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

101. **Fitness for Life**--A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.
111. **Personal Health**--A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.
151. **Team Sports**--Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**--Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racquetball**--Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**--A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**--A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**--A study of skills and techniques of

play for those beyond the level of beginners. One semester hour.

- 158. **Snow Skiing**--Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
- 159. **Horseback Riding**--Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
- 161. **Archery and Racquetball**--Knowledge and skill development in target archery and racquetball. One semester hour.
- 199. **Special Activity**--Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
- 204. **Intermediate Swimming**--A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
- 205. **Lifeguarding**--A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
- 206. **Water Safety Instructor Course**--American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
- 207. **Conditioning Exercises and Weight Training**--A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.



208. **Folk Dance and Rhythmical Activities**--A study of rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning**--A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on either the elementary or secondary education level. Two semester hours.
211. **Community Health**--A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.
300. **Teaching Secondary School Physical Education**--A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports**--Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**--A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
303. **Physical Education for Elementary Schools**--A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
309. **Applied Physical Education (or Health)**--A course available in specific areas of health or physical education for the major or minor student. The student works closely with the professor to prepare for teaching. Two semester hours.
311. **Safety Education and First Aid**--A course designed to include a wide range of safety programs. The first six weeks are devoted to first aid training including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course includes safety programs for school, community, vocations, and leisure time. One to three semester hours.
312. **Introduction and History and Philosophy of Physical Education**--An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**--An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**--A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**--A study of programs and services for the a typical student at all grade levels. Two semester hours.

- 409. **Recreational Leadership and Outdoor Education**--A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
- 411. **Health Education**--A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
- 489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. **Field Work**--A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
- 495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Scientific Learning



Dr. Charles W. Gee, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those students interested in biology, but desiring to elect a minor that is not in the sciences. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 151; and Mathematics 111 and 112. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by students who plan to pursue graduate study in biology, enter a medical field of study, or certify to teach secondary school biology.

Requirements for the Bachelor of Science degree leading to graduate study or pre-professional careers are thirty-two hours in biology which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, 303, 304, and 310; Mathematics 111 and 112, with calculus recommended; and Physics 203 and 204.

Requirements for the Bachelor of Science degree with secondary education certification are thirty-two hours in biology which must include Biology 110, 120, 140, 210, 250, 251, and two electives from Biology 360, 380, and 410; a minor in physical science which includes Chemistry 151, 170, 171; Physics 104 and 203; and Mathematics 211.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major, the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 150, 151, 170, 171, and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A Biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215 or 490 or a combined total of six hours in both courses may be applied toward the requirements for a major in biology. Credit in 215, 290, or 490 may not be applied toward a minor in biology.

- 110. General Biology**--An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.
- 120. Botany**--An intensive survey of plants, algae, and fungi. Prerequisite: Biology 110. Four semester hours.
- 140. Zoology**--An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
- 210. Genetics**--A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
- 215. Field Studies in Biology**--An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
- 240. Comparative Vertebrate Anatomy**--A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140 or consent of the instructor. Four semester hours.
- 250-251. Anatomy, Physiology, and Kinesiology**--A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree which leads to the pre-professional or graduate major in biology. Prerequisite: Biology 110 or consent of the instructor. Four semester hours each semester.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 340. Animal Physiology**--A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.
- 341. Animal Histology**--A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Four semester hours.
- 342. Vertebrate Embryology**--A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours.

350. **Science for the Elementary School**--An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.
360. **Ecology**--A study of the relation between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: one semester of biology. Four semester hours.
362. **Vertebrate Field Biology**--A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: one semester of biology. Four semester hours.
380. **Microbiology and Immunology**--A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of microorganisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: permission of the instructor. Four semester hours.
410. **Biogeography**--A study of the biological, geographical, climatological, and geological factors that affect the distribution of plants and animals. The course will attempt to explain how species came to be distributed as they are today and why the taxonomic composition of the biota varies from one region to another. Prerequisite: twelve hours of biology. Four semester hours.
440. **Endocrinology**--A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
450. **Research Seminar**--A seminar designed to introduce students to principles and methods used in scientific research. A research paper and seminar are required. Prerequisites: major or minor in biology and enrollment in the student's final spring semester. One semester hour.
490. **Research Problem**--Research on special problems in biology under direct supervision of a faculty member. Prerequisite: twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to four semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The Chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The Chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 170, 171, 202, 203, 301, 302, 303, 304, 401, 402,

and four hours of chemistry electives. Mathematics through Mathematics 303 and Physics 203 and 204 are also required.

The Chemistry minor consists of twenty hours including Chemistry 301, 302, 303, 304, and either 202 or 310.

The Physical Science minor consists of twenty hours of science, including Chemistry 151, 170, 171 and Physics 104 and 203.

- 150. Inorganic Chemistry for Non-Majors--**A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 151. Organic and Physiological Chemistry--**A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 170-171. General Chemistry--**A study of the principles of general chemistry including Qualitative Analysis. Prerequisite: algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours lecture, one hour of recitation, and one three-hour laboratory per week. Four semester hours each semester.
- 202. Quantitative Analysis--**A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
- 203. Instrumental Analysis--**An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Three hours lecture and one three-hour laboratory per week. Four semester hours.
- 290. Independent Study--**Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Organic Chemistry--**A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 171. Three semester hours.
- 302. Organic Chemistry--**A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.
- 303. Organic Chemistry Laboratory--**An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification, and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
- 304. Organic Chemistry Laboratory II--**Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
- 310. Biochemistry--**A comprehensive study of the chemical process taking place

in living cells with special emphasis on metabolism and related chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.

311. **Organic Qualitative Analysis**--A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. **Physical Chemistry**--The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 171, 202, and Physics 203-204. Four semester hours each semester.
405. **Inorganic Chemistry**--A systematic study of the elements including atomic structure, bonding, molecular structure, and the periodic table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
490. **Research Problem**--Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in mathematics, the major consists of thirty semester hours, which must include Mathematics 211, 212, 303, and eighteen additional hours of math courses numbered above 200. Especially recommended are Mathematics 307, 309, and 314. In addition, the student must complete a foreign language through the intermediate level.

For a Bachelor of Science in mathematics, the major consists of thirty-six semester hours, which must include Mathematics 211, 212, 303, and twenty-four additional hours of math courses numbered above 200. Especially recommended are Mathematics 301, 307, 309, 314, 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics requires twenty-four semester hours which must include Mathematics 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Mathematics 111, 112, 211, 213, and 304 and Computer Science 104.

- 090. Mathematics Laboratory--**A review of the fundamental mathematical principles and techniques such as addition, subtraction, multiplication, division, the number system, prime numbers, greatest common divisors, least common multiple, and square roots. A short review of algebra is included. Not for credit toward any major or minor. One semester hour.
- 103. Fundamental Concepts--**A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Four semester hours.
- 104. Fundamental Concepts--**An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Four semester hours.
- 107. Principles of Mathematics--**An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.
- 111. College Algebra I--**A study of algebraic methods; the natural numbers, the

integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; and function theory including domain, range, composition, inverses, and graphing techniques. Three semester hours.

112. **College Algebra II and Trigonometry**--A continuation of Math 111 including the study of exponential and logarithmic functions, vectors, and complex numbers. Also included are an in-depth presentation of trigonometric functions: their values, graphs, inverses, and identities; with application to triangles, circles, and some mechanics. Prerequisite: Math 111 or equivalent. Three semester hours.
211. **Calculus I**--A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 112. Four semester hours.
212. **Calculus II**--A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**--A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **An Introduction to Mathematical Logic**--A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular emphasis on the reading and writing of proofs. Prerequisite: Math 212 or consent of instructor. Three semester hours.
303. **Multivariable Calculus**--A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
304. **Modern Geometry**--A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Three semester hours.
307. **Linear Algebra**--A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Prerequisite: Math 212. Three semester hours.
308. **Modern Algebra**--A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 301. Three semester hours.
309. **Differential Equations**--A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303 and 307. Three semester hours.

- 310. Topology**--A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 301. Three semester hours.
- 314. Probability and Statistics I**--A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 303. Three semester hours.
- 315. Probability and Statistics II**--A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.
- 351. Mathematical Modeling**--A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 307 and 309. Three semester hours.
- 408. Numerical Analysis**--A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 307, 309, and a computer language. Three semester hours.
- 411. Introduction to Real Analysis**--A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergency of sequences of functions, Lebesgue measure and integration, Riemann-Stieltjes integration, and general measures. Prerequisite: Math 310. Three semester hours.
- 490. Independent Study**--Individual work in mathematics under the direct supervision of an instructor. Prerequisite: twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

PHYSICS

- 104. Earth and Space Science**--A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.
- 203-204. General Physics/Calculus**--A study of the fundamental principles of mechanics and thermodynamics in the first semester and electricity and magnetism, wave motions, sound, light, and modern physics in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.
- 290. Independent Study**--Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.



Area of Social Learning

Dr. Robert B. Hall, Chairman



The social learning program of Milligan College is designed to provide students a broad and appreciative understanding of people in their social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop students' comprehension of contemporary problems and to motivate them to seek solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in elementary education. In addition to the social studies required of all students and those included in the elementary education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in special education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

- 201. Introduction to Geography**--An introduction to elements from physical, human, population, cultural, political, behavioral, economic, resource, and urban geography. Also considered are map shells and concepts of regional geography. Three semester hours.
- 202. World Regional Geography**--An overview of the cultural regions of the world including both the developed and underdeveloped areas. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes and retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the area of business with fewer courses in the social sciences. Those completing the major must demonstrate computer competency. A field work internship with an agency is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing without re-examination in other states.

There is no minor in Health Care Administration, and no minor is required for majors in this program.

Option 1--Emphasis on Psychology and Sociology

Soc.	201	Introduction to Sociology	3
	303	Family	3
	321	Sociology: of Death and Dying	3
	413	Seminar in Aging and Retirement	3
	426	Sociology: of Small Groups	3
	491	Field Work	6
Psy.	250	General Psychology	3
	252	Developmental Psychology	3
	353	Personality Theory	3
	357	Counseling	3
	358	Abnormal Psychology	3
			36 semester hours
Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
B.Adm.	361	Principles of Management	3
One of the following courses must be completed.			
B.Adm.	315	Marketing	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
			18 semester hours

Option 2--Emphasis on Business Administration

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
Econ.	301	Corporate Finance	3
B.Adm.	315	Marketing	3
	361	Principles of Management	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
	491	Field Work	6
			36 semester hours
Soc.	201	Introduction to Sociology	3
	321	Sociology: of Death and Dying	3
	413	Seminar in Aging and Retirement	3
Psy.	250	General Psychology	3
	252	Developmental Psychology	3
	357	Counseling	3
			18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, six of which will normally be included in the two year Humanities sequence. A History major must include History 301, 309-310, six hours of United States history beyond 309-310, and six hours in some aspect of Western world history not primarily dealing with the United States. The History major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in history consists of eighteen hours, six of which are included in the two year Humanities sequence. History 301 and 309-310 are required.

271. **History of Christian Missions**--See Christian Ministries 271.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **History and Historians**--A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. One semester hour.
306. **Medieval History**--A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Three semester hours.
- 309-310. **American History**--A study of history of the United States from the Colonial Period to World War II with special reference to the history of Tennessee. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Three semester hours each semester.
324. **History of Rome**--A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Three semester hours.
331. **History of England**--A study of the political, social, economic, and cultural developments in English history from early Roman Britain to the modern world. Three semester hours.
- 341-342. **Church History**--A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102. Three semester hours each semester.
352. **Renaissance and Reformation**--A study of the cultural transition from the Middle Ages to the Modern World and the various religious revolutions of the sixteenth century (traditional Protestant and "free-church" traditions). Three semester hours.
357. **Early Modern Europe 1618-1815**--A study of the history of Europe from the Thirty Years' War to the Congress of Vienna. Selected topics will include the Old Regimes, war and diplomacy, the rise of absolutism and constitutionalism, the Scientific Revolution, the Enlightenment, the French Revolution, and the age of Napoleon. Three semester hours.
358. **Europe 1815-Present**--A study of European history from the Congress of Vienna to the modern period. Selected topics will include modernization and the Industrial Revolution, Liberalism and Conservatism, European nationalism, the world at war, and the postwar era. Three semester hours.
361. **History of Russia**--A study of the political, social, economic, and cultural developments in Russia from the establishment of the Kievan state to the reign of Nicholas I (1825-1855). Three semester hours.
376. **Jefferson to Jackson**--A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events

which resulted in the emergence of the nation and the development of the frontier. Three semester hours.

377. **The Middle Period: 1840-1880**--A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Three semester hours.
379. **The Gilded Age: 1877-1920**--An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the import of that industrialization on American culture and on the American political system. Three semester hours.
380. **America in the Twentieth Century**--A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Three semester hours.
406. **History of Islam**--A study of the political, religious, social, and cultural institutions of the Islamic world from the birth of Muhammed to the modern period. Three semester hours.
- 431-432. **Reformation of the Nineteenth Century**--A study of the background, issues, and courses of the nineteenth and twentieth century efforts to restore New Testament Christianity. Prerequisite: History 341-342. Not applicable toward a history major or minor. Two semester hours each semester.
445. **Historical Research**--A study of the theory and an exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.
480. **Seminar on Vietnam**--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



HUMAN RELATIONS

The major in human relations is interdisciplinary and designed for those seeking vocational opportunities with various types of social agencies. The Youth Leadership emphasis is recommended for those who wish to work with children and young adults.

The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must also demonstrate computer competency.

REQUIRED CORE COURSES (15 hours)

Psychology 250
Psychology 252
Sociology 311 or 312

Sociology 201
Sociology 303

EMPHASIS

Social Agencies
Sociology 321
Sociology 380
Sociology 403
Sociology 451
Sociology 491

Youth Leadership
Sociology 203
Sociology 314
Psychology 357
Health & P.E. 409
Health & P.E. 491

Electives to be chosen
in consultation with
adviser.

Electives
Chr. Ministries 261, 318, 321,
Psychology 358
Sociology 360, 403, 426
Sociology 461, 380
Health & P.E. 208, 311

The minor in human relations consists of Sociology 201, 303, 311; Psychology 250, 252; and three hours of electives.

POLITICAL SCIENCE

- 203. American National Government**--A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 290. Independent Study**--Individualized study to enable the student either to study material in a field not now in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business**--A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
- 360. The Presidency**--An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspects of the office

such as budgeting rather than serve as a general review. Two semester hours. Available only in American Studies Program.

361. **Domestic Policies**--A consideration of various types in domestic policy. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available only in American Studies Program.
370. **International Affairs**--A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as Soviet-American relations, nuclear proliferation, or disarmament. Two semester hours. Available only in American Studies Program.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**--A practicum experience that will involve the student in a supervised position in government for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and as a social science. The major and minor are designed to ensure that each student will receive a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

The required courses in the psychology major are Psychology 250, 259, 350, 353, 401, and Mathematics 213. Electives should be chosen in consultation with the psychology adviser. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours in the major. Those completing the major must demonstrate computer competency.

The minor in psychology requires Psychology 250, 252, and 350 plus nine additional semester hours.

100. **Principles of College Success**--A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources such as time and money, a growing awareness of self, effective methods of relating to peers, and development of one's faith in the Lord. **Required of all freshmen during the first semester of attendance.** One semester hour.
250. **General Psychology**--An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.

- 252. Developmental Psychology**--A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
- 259. Experimental Psychology**--A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 350. Social Psychology**--A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
- 353. Personality, Motivation, Development, and Assessment**--A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. Prerequisite: Psychology 250. Three semester hours.
- 357. Introduction to the Theory and Practice of Counseling**--An introduction to counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Three semester hours.
- 358. Abnormal Psychology**--A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
- 401. Systems and Theories**--An overview of the major systems and theories of contemporary psychology with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.
- 404. Educational Psychology**--A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 427. Perception and Physiological Psychology**--A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 450. Psychology of Religion**--A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.

- 454. **Introduction to Psychological Testing**--A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 480. **Seminar on Vietnam**--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.
- 489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. **Field Work in Psychology**--Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
- 495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY

The sociology curriculum emphasizes the principles and application of sociological knowledge. The major and minor are designed to ensure that each student receives a broad background in sociology. This major is also for those wishing to continue studies in graduate school.

The required courses in the sociology major are Psychology 350 and Sociology 201, 210, 303, 311 or 312, 314, 401, 403, 426, and 451. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must demonstrate computer competency.

The minor in sociology requires Sociology 201, 210, 303, 451; Psychology 250; and three elective hours.

- 201. **Introduction to Sociology**--A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 203. **Introduction to Youth Leadership**--A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.
- 210. **Introduction to Cultural Anthropology**--A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 303. **Family**--A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.

- 311. **The Sociology of Crime and Delinquency**--A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. **Juvenile Delinquency**--An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice including field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.
- 314. **Race and Ethnic Relations**--A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
- 321. **Sociology of Death and Dying**--An exploration of the current literature on death and dying. The approach is cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
- 350. **Social Psychology**--See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
- 360. **Problems of Cross-Cultural Communication**--A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries: their basis and origin, their consequences, and the approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.



380. **Principles of Social Work**--An introduction to the profession of social work and an overview of the professional knowledge, skills, and values necessary for generalist social work practice. The student is introduced to the historical evolution of social work, the history of social welfare, the various fields of social work practice, and general systems theory. Three semester hours.
401. **Sociological Research**--An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology**--A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement**--A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisites: Sociology 201 and 303. Three semester hours.
421. **Sociology of Religion**--A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups**--A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory**--A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention is given to the contemporary developments in sociological theory. Prerequisite: consent of the instructor. Three semester hours.
461. **Dynamics of Culture Change**--A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.
480. **Sociological Contexts of Prison Ministry**--A study of the criminal justice system and those who are participants in it: professional staff, inmates, and the volunteer community. This course is designed to establish the philosophical base and practical knowledge necessary to support an institutional chaplaincy program. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Sociology**--Supervised field work in various institutions and agencies including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees, January 1991

Charles E. Allen, Physician, Johnson City, TN
John Banks, Attorney, Elizabethton, TN
Russell F. Blowers, Minister, Indianapolis, IN
H. Joseph Bourn, Investment Counselor, Chicago, IL
William R. Clem, Businessman, Lexington, KY
D.E. Detraz, Businessman, Tarpon Springs, FL
W. Edward Fine, Minister, St. Petersburg, FL
Dennis Fulk, Businessman, Carmel, IN
Omer Hamlin, Librarian, U.K. Medical Center, Lexington, KY
Marshall W. Hayden, Minister, Worthington, OH
Donald R. Jeanes, Minister, Johnson City, TN
Steve Lacy, Businessman, Johnson City, TN
John Love, Realtor, Johnson City, TN
Donald Marshall, Minister, Elizabethton, TN
Kent E. McQuiston, C.P.A., Indianapolis, IN
Kenneth A Meade, Minister, Rockville, MD
William Nice, Physician, Bloomington, IN
Lowell W. Paxson, Executive, Clearwater, FL
Cameron Perry, Bank Executive, Johnson City, TN
M.W. Pully, Retired Business Executive, Bristol, TN
W.V. Ramsey, Businessman, Mountain City, TN
Henry Richardson, Businessman, Havre de Grace, MD
J. David Rose, Retired Insurance Executive, Johnson City, TN
J. Donald Sams, Administrator, Mt. Healthy Christian Home, Cincinnati, OH
Ralph Small, Retired Publisher, Cincinnati, OH
Dan Stuecher, Minister, Safety Harbor, FL
J. Marvin Swiney, President, Mountain Mission School, Grundy, VA
Mark H. Webb, Dentist, Bristol, TN
John J. Wiggins, Insurance Executive, Plainfield, IN
Eugene H. Wigginton, Publisher, Standard Publishing Company, Cincinnati, OH
Calvin L. Wilson, Jr., Businessman, Johnson City, TN
Lidy Wyatt, Hamilton Bank Executive, Johnson City, TN
Harold Zimmerman, Retired Business Executive, Indianapolis, IN

Trustees Emeriti

Robert E. Banks, Retired Attorney, Elizabethton, TN
Theodore Cord, Minister, Sioux City, IA
Jack Covington, Contractor, Winston-Salem, NC
Jordan Crouch, Banker, Reno, NV
Horace W. Dabney, Businessman, Louisville, KY
Harry Guion, Retired Insurance Executive, Indianapolis, IN
Leslie L. Lumsden, Retired Businessman, Elizabethton, TN
C. Howard McCorkle, Retired Educator, Johnson City, TN
Jack R. Musick, Retired Circuit Court Judge, Elizabethton, TN
John U. Phelps, Minister, Kingston, TN
George O. Walker, Retired Insurance Executive, LaVerne, CA
Frank L. Wiegand, Attorney, Pittsburgh, PA

The Advisers, January 1991

Jacqueline Acker, Educator, Akron, OH
Charles Alcott, Bank Executive, New Port Ritchey, FL
Gregg Allen, Associate Minister, Louisville, KY
Michael Alread, Minister, Houston, TX
Sylvan Amstutz, Businessman, Orrville, OH
William B. Anderson, Minister, Erwin, TN
Brett J. Andrews, Minister, Springfield, VA
Harold E. Armstrong, Minister, Columbus, IN
Dewey R. Barker, Area Manager, Bethlehem Steel, Bel Air, MD
Robert E. Belloir, Minister, East Point, GA
Philip Blowers, Attorney, Indianapolis, IN
David Boggs, Businessman, Davidsonville, MD
Darla Bowes, Churchwoman, Lock Haven, PA
Michael Bradford, Assistant Administrator, Appalachian Christian Village, Johnson City, TN
Randy Brockley, Banker, Houston, TX
Clyde Broyles, Jr., Businessman, Elizabethton, TN
Reno G. Burleson, Contractor, Johnson City, TN
L.D. Campbell, Minister, Florence, KY
Bruce Carpenter, Minister, Lexington, KY
Samuel H. Clark, Jr., Retired, Bristol, TN
Gerald Cook, Businessman, Cincinnati, OH
Michael Corey, Elevator Constructor, McCordsville, IN
Alvin Covell, Minister, Frankfort, IN
E. Richard Crabtree, Minister, Colorado Springs, CO
Donald Crum, Business Executive, Edgewood, KY
Stephen Curtiss, Businessman, Kirkwood, MO
Gary A. Deater, Hospital Administrator, Lebanon, IN
Ron DeLong, Businessman and Evangelist, Carmel, IN
Sherry Detraz, Educator, Dunedin, FL
Harold J. DeVault, Businessman, Knoxville, TN
Bertie Dougherty, Educator, Asheville, NC
Robert M. Elliott, Retired Assistant Superintendent of Schools, Kingsport, TN
William English, Executive, Kentucky Utilities, Lexington, KY
James L. Evans, Executive Director, European Evangelistic Society, Atlanta, GA
William F. Faddock, Physician, Fayetteville, GA
Billye Joyce Fine, Educator, St. Petersburg, FL
Ron Fylstra, Executive, Lexington, KY
Jack Gardner, Banker, Erwin, TN
Jack Gilbert, Executive, Indianapolis, IN

William F. Hall, Minister, Greenville, IN
Steve Haxton, C.P.A., Westerville, OH
Wayne Hay, Parole Officer, State of Kentucky, Louisville, KY
Henry E. Hill, Retired Minister, Johnson City, TN
Robert L. Huckstep, Businessman, Charlottesville, VA
David C. Hughston, Insurance Executive, Brownsville, TX
E. Glenn Isaacs, Business Executive, Elizabethton, TN
Sue Kettelson, Churchwoman, Simpsonville, SC
Robert Kroh, Minister, Bellevue, WA
James Landrum, Minister, Bloomington, IN
Karl M. Marshall, Minister, Paris, IL
Tim McIntosh, Minister, Elkhorn City, KY
Gordon Mehaffey, Insurance Executive, Dublin, IN
John Meredith, Associate Minister, Fort Myers, FL
Mark Miller, Businessman, Columbus, OH
John P. Mills, Minister, Painesville, OH
William O. Norris, Retired Minister, Johnson City, TN
Paul F. Nourse, Minister, Evansville, IN
Robert W. Paswater, Minister, Indianapolis, IN
Gary D. Porter, Administrator, Children's Home, Wooster, OH
Walter Puckett, Minister, Crown Point, IN
David Pugh, Educator, Indianapolis, IN
Mark Richardson, Businessman, Belcamp, MD
William Rollins, Grocer, Bristol, TN
John Russell, Minister, Ft. Mitchell, KY
John C. Samples, Executive, Standard Publishing Company, Cincinnati, OH
Richard Sargent, Minister, Chicago, IL
James D. Saunders, Minister, Louisville, KY
Laurie Schreiner, Professor, Eastern College, St. Davids, PA
Ronald F. Sewell, Executive, I.B.M. Corporation, Rockville, MD
Ralph Sims, Minister, Johnson City, TN
Joe D. Slone, Systems Engineer, I.B.M. Corporation, Roanoke, VA
Deborah Smith, C.P.A., Indianapolis, IN
Ronald S. Spotts, Businessman, Beech Creek, PA
Loren Stuckenbruck, Doctoral Student, Princeton, NJ
Joseph E. Sutherland, Family Counselor, Mason, OH
John Wakefield, Minister, Cincinnati, OH
Robert A. Walther, Administrator, Canton Christian Home, Canton, OH
John E. Wasem, Minister, Munster, IN
David Wead, Minister, Nashville, TN
Jerry Williams, Minister, Indianapolis, IN
Robert L. Williams, Educator, Jersey Shore, PA
Keith Wise, Minister, Ironton, OH
Ted H. Wood, Business Executive, Lombard, IL
Bill Yeary, Executive, Lexington, KY
Ron Zimmerman, Business Executive, Indianapolis, IN



FACULTY AND ADMINISTRATION, JANUARY 1991

MARSHALL J. LEGGETT, President (1982)

A.B., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

President's Cabinet

GARY E. WEEDMAN, Vice President for Academic Affairs and Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.

JOHN DERRY, Vice President for Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University; East Tennessee State University.

HOWARD F. NOURSE, Vice President for Institutional Advancement (1988)

B.S., Ohio State University; M.A., St. Francis College; Ph.D., Ohio State University.

JOE G. WHITAKER, Vice President for Business and Finance (1989)

B.S., Eastern Kentucky University; Milligan College; Certified Public Accountant.

PAUL BADER, Vice President for Enrollment Management and Financial Aid (1976-1985, 1987)

B.S., Milligan College; St. Louis Christian College; Emmanuel School of Religion; East Tennessee State University.

Administration

WILLIAM R. ADAMS, Director of Public Relations (1989)

B.F.A., Ohio University; College of Mount St. Joseph.

JILL M. ALLEN, Director of Annual Fund Activities (1989)

B.S., East Stroudsburg University.

ROBERT E. ALLEN, Director of Church Relations (1986)

B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.

LEONARD BEATTIE, Physical Plant Director (1986)

WAYNE EMERY, Director of Alumni Relations (1991)

B.A., Milligan College; M.Div., Emmanuel School of Religion; D.Min., Vanderbilt University.

PHYLLIS DAMPIER FONTAINE, Registrar (1963)

B.S., M.A., East Tennessee State University; Milligan College.

MICHAEL JOHNSON, Director of Admissions (1986)

B.S., Milligan College.

KELLY KASTENS, Director of Financial Aid (1990)

Milligan College.

ROB KASTENS, Director of Campus Life (1989)

B.A., Milligan College; The University of Tennessee.

CHARLENE B. KISER, Director of Adult Education Programs (1990)

B.A., Milligan College; M.A., East Tennessee State University; The University of Tennessee.

LINDA H. LAWSON, Director of Personnel, Work Study Coordinator, and Mailroom Supervisor (1990)

B.A., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

SUE SKIDMORE, Director of Institutional Research (1980)

B.A., Milligan College; East Tennessee State University.

KATHY SMITH, Associate Director of Alumni Relations (1984)

B.S., Auburn University; Milligan College.

MIKE SMITH, Director of Computer Services (1981)

B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)

B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)

B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

TERRY J. DIBBLE, Professor of English (1971)

B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.

GEORGE A. FINCHUM, Professor of Education and Geography (1987)

B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University.

CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)

B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.

WILLIAM C. GWALTNEY, JR., Chairman, Area of Biblical Learning and Joel O. and Mabel Stephens Professor of Bible (1964)

Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.

ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)

B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.

SUSAN GAYLE HIGGINS, Professor of Sociology (1977)

B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.

JACK L. KNOWLES, Professor of English (1970)

B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.

RICHARD D. LURA, Professor of Chemistry (1971)

B.S., University of Wisconsin; Ph.D., Iowa State University; Medical College of Virginia.

EUGENE NIX, Professor of Chemistry (1967)

B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.

RICHARD PHILLIPS, Chairman, Area of Humane Learning, and Professor of Bible (1967)

B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.

EUGENE P. PRICE, Chairman, Area of Professional Learning and Frank H. Knight Professor of Economics and Business (1949)

B.A., M.A., Duke University; Harvard University.

DAVID C. RUNNER, Professor of Music (1972)

B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.

DUARD B. WALKER, Professor of Health and Physical Education (1951)

B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.

GARY O. WALLACE, Professor of Biology (1967-68, 1971)

B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.

JOSEPH M. WEBB, Professor of Communication and Preaching (1988)

B.A., Lincoln Christian College; M.S., Ph.D., University of Illinois; M.T.S. Candler School of Theology, Emory University.

Associate Professors

BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)

B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

THOMAS V. BARKES, Associate Professor of Computer Science (1985)

B.S., Milligan College; M.T.S., College of William & Mary; M.S.C.S.E., University of Evansville; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.

- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TIM DILLON, Associate Professor of History (1982)
B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison; Emmanuel School of Religion.
- W. DENNIS HELSABECK, JR., Associate Professor of Church History (1982-1984, 1989)
B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion; Luther Northwestern Theological Seminary.
- JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.
- PATRICIA P. MAGNESS, Associate Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University; Georgia State University; Emory University.
- RICHARD MAJOR, Associate Professor of Theatre (1985)
B.A., Milligan College; M.F.A., Michigan State University; Ohio University.
- NORMA J. MORRISON, Associate Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T., Ed.D., East Tennessee State University; Milligan College; University of Oregon.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of Kentucky.
- R. DAVID ROBERTS, Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.
- CAROL A. ROOSE, Associate Professor of Education (1989)
B.S., M.A., Ph.D., Kent State University; Case Western Reserve University.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S., Princeton Theological Seminary; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.
- JAMES L. STREET, Associate Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.
- JULIA K. WADE, Associate Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky; M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN E. WALSH, Associate Professor of Office Administration and Computer Science (1984)
B.S., M.A., East Tennessee State University; M.S.C.S.E., University of Evansville.

CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; B.S., East Tennessee State University; M.A., University of Kentucky; University of Strasbourg.

Assistant Professors

W. THOMAS BECKNER, Assistant Professor of Communications (1989)
B.A., Milligan College; M.A., Kent State University; M.S., Georgia State University; Ohio University; Emory University.

MARVIN GLOVER, JR., Assistant Professor of Mathematics (1990)
B.S., Athens State College; M.S., Vanderbilt University.

MACCAMAS M. IKPAH, Assistant Professor of Communication (1990)
B.A., Eastern Washington University; M.Ed., Gonzaga University; Ed.D., Oklahoma State University.

ANN ILES, Assistant Professor of Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education (1985)
B.S., Milligan College; M.S., Ball State University; Purdue University; Arizona State University; East Tennessee State University.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.

J. DAVID KNOECKLEIN, Assistant Professor of Art and Humanities (1985)
B.A., Boise Bible College; M.A., Lincoln Christian Seminary; M.S., Illinois State University; Boise State University.

ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)
B.B.A., Grand Valley State College; M.Acc., University of Georgia, Certified Public Accountant.

JOHN H. MATHEWS, Assistant Professor of Humanities and History (1990)
B.A., Milligan College; M.A., Southern Illinois University; University of Chicago; Southern Baptist Theological Seminary.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration (1986)
B.S., University of Kansas; M.B.A., East Tennessee State University; Babson College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library and Reference Librarian (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

DENNIS L. WILLIAMS, Assistant Professor of Music (1987)
B.M.E., Indiana University of Music; M.C.M., D.M.A., Southern Baptist Seminary School of Music; Westminster Choir College; University of Michigan; University of Louisville.

New Faculty

The following will be joining the faculty for the 1991-92 year:

RALPH H. SPEER, Professor of Communication

B.A., M.A., D.A., Drake University; Grand View College; Iowa State University; Lincoln Christian Seminary.

Support Personnel

SHELLEY ALLEN, Admissions Counselor

KAREN BERRY, Admissions Counselor

ANDY BRATTON, Bookstore Manager

JENNY HOWARD, Admissions Office Manager

PAM JENNETT, Admissions Counselor

JEAN F. LEGGETT, Administrative Assistant to the President

V. JUNE LEONARD, Library Technical Services Manager

OPAL B. LYONS, Acting Director of Health Services

CORT MILLS, Assistant Director of Adult Education Programs

JEAN MULLINS, Student Union Manager

MARTHA STOUGHTON, Office Manager for Adult Education Programs

Athletic Coaches

Athletic Director - Duard Walker

Baseball - Douglas Jennett

Basketball (Men's) - Tony Wallingford

Basketball (Women's) - Danny Burnette

Golf - Tony Wallingford

Soccer - Rob Kastens

Softball - Wes Holly

Tennis (Men's) - Duard Walker

Tennis (Women's) - Jack Knowles

Volleyball - Linda King

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate Professor Emeritus of Health and Physical Education (1958)

ANNA MAY CROWDER, Assistant Professor Emeritus of English (1965)

ROBERT O. FIFE, Professor-at-Large (1954)

HOWARD A. HAYES, Professor Emeritus of Bible (1967)

W. DENNIS HELSABECK, Professor Emeritus of Counseling (1963)

JUANITA JONES, Associate Professor Emeritus of English (1968)

VIRGINIA LAWS, Assistant Professor Emeritus of Secretarial Science (1974)

JOHN W. NETH, Director Emeritus of the P.H. Welshimer Library (1953-59, 1962)

EUEL J. OWNBY, Associate Professor Emeritus of Education (1961)

JAMES L. SHIELDS, Professor Emeritus of Education (1959)

LONE L. SISK, Professor Emeritus of Chemistry (1948)

EARL STUCKENBRUCK, Associate Professor Emeritus of Bible (1951-52, 1968)

HENRY E. WEBB, Dean E. Walker Professor Emeritus of Church History (1950)

C. ROBERT WETZEL, Professor-at-Large (1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund
The McWane Foundation Fund
The Waddy Trust Fund
The Adam B. Crouch Memorial Fund
The Hopwood Memorial Fund
The Elizabethton Endowment Fund
The Derthick Memorial Fund
The Kelton Todd Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Anglin Fund
The Aylette Rains Van Hook Memorial Fund
The McCormick Fund
The Philip Scharfstein Scholarship Fund
The Webb D. Sutton Trust Fund
The Edith B. Cottrell Memorial Fund
The Milligan College Memorial Fund
The Barbara Main Memorial Fund
The Wiley Wilson Memorial Fund
The B.D. Phillips Fund
The George Iverson Baker Memorial Fund
The Sam Jack and Mary Ellen Hyder Memorial Fund
The Ada Bennett Memorial Fund
The Asa F. and Marguerite Cochrane Memorial Fund
The Stewart-Roberts Fund
The Arthur H. and Marguerite Miller Memorial Fund
The Dorothy S. Wilson Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Clarence A. and Evangeline K. Lucas Memorial Fund
The Joseph R. Crandall Memorial Fund
The Myrtle C. King Memorial Fund
The Lone L. Sisk Endowment Fund
The Mr. and Mrs. Fred Proffitt Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Dr. H.O. Bolling Memorial Fund
The Ira and Irene Atkinson Memorial Fund
The John C. Paty, Sr. Memorial Fund
The Clyde Ratliff Memorial Fund
The W. Sylvester Hughes Endowment Fund
The 1968 Class Fund
The 1976 Class Fund
The Mrs. William Butler Van Hook Memorial Fund
The Clem Endowment Fund
The Clyde and Hassie Ann Smith Memorial Fund
The Carl C. Monin Memorial Fund
The 1980 Class Fund
The Roy G. True Memorial Fund

The Dimple Hart Christian Memorial Fund
The T. Jayne Gressel Memorial Fund
The Alfred Keefauver Memorial Fund
The Raymond R. Roach Memorial Fund
The Abe Ellis Memorial Fund
The John E. McMahan Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Milton Edwards Memorial Fund
The Clarence and Violet Helen Overman Memorial Fund
The Samuel Compton Memorial Fund
The Oliver C. Davis Memorial Fund
The Harold W. Scott Memorial Fund
The Donald G. Sahli Memorial Fund
The 1983 Class Fund
The Willard and Lucille Millsaps Memorial Fund
The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
The James W. Pruitt Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund
The W. Chamberlain Hale Memorial Fund
The 1982 Class Fund
The 1984 Class Fund
The Helen and Harold Eswine Memorial Fund
The John Wesley and Willie J. Allen Memorial Fund
The Claude R. and Mary Sue Love Memorial Fund
The Rev. J.E. Gordon Memorial Fund
The D. Kemper Helsabeck Memorial Fund
The 1985 Class Fund
The 1987 Class Fund
The Kathleen Adams Bowman Memorial Fund
The T.W. Phillips Memorial Fund
The Living Endowment Fund
The T.A. Lovelace Memorial Fund
The Edgar Randolph Memorial Fund
The 1981 Class Fund
The Birdy Black Scholarship Fund
The Sam Crabtree Scholarship Fund
The Davidson Scholarship Fund
The Daisy & Fred Hayden Scholarship Fund
The Lula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Richard Millsaps Scholarship Fund
The Joan Millar Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The Edens Pleasant Home Carpet Fund
The W.V. Ramsey Minister's Scholarship Fund
The Ralph Small Scholarship Fund
The Roger Speas Scholarship Fund
The Irene Spahr Scholarship Fund
The W.B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund
The Mr. & Mrs. Floyd L. Broyles Scholarship Fund
The Kate Rice Blankenship Scholarship Fund
The Clarence and Lela Anderson Brumit Memorial Fund

The Rondah Y. Hyder Memorial Fund
The John L. Kuhn Memorial Fund
The Edgar Ralph Turner Memorial Fund
The Herschell J. Springfield Memorial Fund
The Virginia Burns Elder Memorial Fund
The Harry A. Smith Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The William E. Axiomethy Memorial Fund
The 1988 Class Fund
The Ada Bess Hart Memorial Fund
The Mr. and Mrs. Thruman C. Earon Scholarship Fund
The 1986 Class Fund
The Mary Archer Memorial Fund
The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund
The Art Spahr Endowment Fund
The Mr. Paul O. George Memorial Fund
The Mr. Edgar Ralph Turner Memorial Fund
The Dr. Dean E. Walker Memorial Fund
The Mr. A.B. Culbertson Memorial Fund
The Frank and Janie Von Cannon Memorial Fund
The Claude Prince Memorial Fund
The Ivor Jones Memorial Fund
The 1989 Class Fund
The George E. Davis Memorial Fund
The W. Hobart and Myra Millsaps Scholarship Fund
The Thomas A. Barnard, Sr., Memorial Scholarship Fund
The Hazel Hale Best Memorial Fund
The Patricia Huffine Memorial Scholarship Fund
The Martin Luther Roark Memorial Scholarship Fund
The Dr. Joe P. McCormick Memorial Fund
The Donald Bush Memorial Scholarship Fund
The Fred W. Kegley Memorial Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

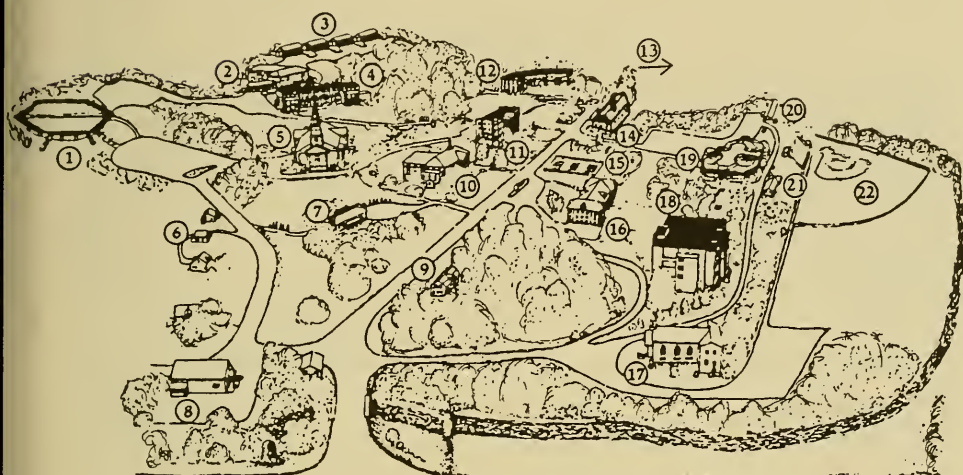
Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois--THE DEAN E. WALKER CHAIR OF
CHURCH HISTORY
First Christian Church, Erwin, Tennessee--THE FRANK H. KNIGHT CHAIR OF
ECONOMICS AND BUSINESS--Professor Eugene P. Price
Mr. and Mrs. Joel Stephens--THE JOEL O. AND MABEL STEPHENS CHAIR
OF BIBLE--Professor William C. Gwaltney, Jr.

Churches or individuals desiring information concerning these programs may write to the President of the College.

Milligan College Campus



MILLIGAN HIGHWAY

Key

- | | |
|----------------------------|------------------------------------|
| 1. Lacy Fieldhouse | 12. Webb Hall |
| 2. Hart Hall | 13. Physical Plant |
| 3. Married Student Housing | 14. McMahan Center |
| 4. Sutton Hall | 15. Tennis Courts |
| 5. Seeger Chapel | 16. Hardin Hall |
| 6. Music Practice House | 17. Hopwood Church |
| 7. Little Hartland | 18. Derthick Hall |
| 8. Post Office | 19. Science Building |
| 9. Hospitality House | 20. Faculty Office Building |
| 10. Welshimer Library | 21. Paxson Communications Building |
| 11. Pardee Hall | 22. Anglin Field |

MILLIGAN COLLEGE CALENDAR

Summer Session, 1991

Registration	June 10
First Term Classes	June 10-July 10
Second Term Classes	July 11-August 9

Fall Semester, 1991

Dorms Open to Freshmen	August 25
Conference for Parents of Freshmen	August 25
Freshmen Orientation	August 25-28
Faculty Conference	August 26
Dorms Open to Upperclassmen	August 26
Advising and Registration	August 27-28
Classes Begin	August 29
Matriculation	August 29
Fall Break	5:00 p.m., October 16 to 8:00 a.m., October 22
Thanksgiving Holidays	5:00 p.m., November 26 to 8:00 a.m., December 2
Last Day of Classes	December 13
Final Examination	December 16-19

Spring Semester, 1992

New Student Orientation	January 11
Advising and Registration	January 13-14
Classes Begin	January 15
Spring Break	5:00 p.m., March 13 to 8:00 a.m., March 24
Awards Convocation	May 7
Last Day of Classes	May 8
Final Examinations	May 11-14
Baccalaureate and Commencement	May 17

Summer Session, 1992

Registration	June 8
First Term Classes	June 8 - July 8
Second Term Classes	July 9 - August 7

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The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. Charges are subject to change at anytime. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.

In accordance with the Tennessee College and University Security Information Act of 1989, Milligan College has prepared a report containing campus security policies and procedures, data on campus crimes, and other related information. A free copy of this report may be obtained by any student, employee, or applicant for admission or employment from the Office of Student Development, Milligan College, Milligan College, TN 37682.



Milligan College

Catalog 1992-1993



MILLIGAN COLLEGE

Milligan College, Tennessee 37682
(615) 461-8700

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Milligan College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate, Bachelor's, and Master's degrees.

Milligan College holds membership in the following accrediting agencies and professional organizations:

American Association of Collegiate Registrars and Admissions Officers
American Association of Colleges of Teacher Education
Appalachian College Consortium
Christian College Coalition

College Placement Council
Council for Advancement and Support of Education
Council for Independent Colleges
National Association of College and University Business Offices
National Association of Independent Colleges and Universities
National Association of Intercollegiate Athletics
National Council for the Accreditation of Teacher Education
Southern Association of Colleges and Schools
Tennessee Independent Colleges Fund
Tennessee Intercollegiate Athletic Conference

NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain, which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced both the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as a means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary controls through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education--the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Uterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of the colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

4—Heritage

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire, Pardee Hall was built as a dormitory for men, Cheek Activity Building was constructed for recreational purposes, and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship at the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College, the endowment was increased, and existing buildings were renovated and newly furnished. New patrons were sought for the College, the curriculum was expanded, and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a

nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning. This synthesis of learning is regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and humanity.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education--the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been coeducational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that each course is taught with an awareness of how it fits into a biblical worldview. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the human spirit is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free people. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of humanity and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research. Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated person.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the

light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

Mission Statement

Milligan College provides opportunities for education in Bible, arts, and sciences which are shaped by a Christian world view in order to (1) create an environment dedicated to intellectual, spiritual, social, and physical development, (2) lead to selected professional and career possibilities, and (3) establish a community of inquiry, responsibility, and caring. Programs lead to associate, undergraduate, or graduate degrees, as well as provide for personal enrichment; they prepare men and women to participate in the necessary endeavors which will result in the accomplishment of the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of one's life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

The main functions of education are to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan undergraduate students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if necessary, conduct a search at the direction of the Vice President for Student Development. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods without permission from the Vice President for Student Development.

Any student without a roommate will be charged the private room rate unless no roommate is available.

An appliance fee of \$15.00 per semester will be charged for use of each high energy use appliance, such as refrigerators and air conditioners.

Telephone service is available in all residence hall rooms at a modest monthly rate. Students must provide their own telephones and calling cards for long distance calls.

Married Student Housing

Milligan College has thirty-two apartments for married students. These two-bedroom units are totally electric, including heating and air conditioning. All of the apartments are carpeted and unfurnished except for kitchen appliances. Additional information may be obtained by contacting the Student Development Office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. While attending Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the college name or involve the absence of the participants from the College must receive the official sanction of the college administration.

DORMITORIES



Pardee Hall



Hart Hall



Married Students Apartments



Webb Hall



Sutton Hall



Hardin Hall

2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It is concerned particularly with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action: suspension or expulsion.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco in any building on campus is prohibited. It is permitted only in designated outdoor areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain standards of appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students, although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$8.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Vice President for Student Development.

Social Activities

All social activities must first be approved by the faculty sponsor and the Vice President for Student Development and then entered on the College Master Calendar in the office of the Dean. All such activities are attended by the faculty sponsor of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Vice President for Student Development. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Student Development staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness. The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accident or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will offer assistance in arranging an insurance program through a reliable insurance company; otherwise, the parents must provide a statement releasing the College from financial responsibility. All students participating in intercollegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health is also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-term, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in spiritual life organizations is open to all students. There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, 7) gospel teams, 8) informal vespers, and 9) discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), one dormitory representative from each dorm, one commuter representative, and a married student representative.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and in England. This group includes in its annual tour appearances in high schools, churches, and church conventions.

The Milligan Men and the Women's Ensemble are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. One of this group's performance experiences is the annual Madrigal Dinners.

The Wind Ensemble is a performing group of woodwind, brass, and percussion players which performs several times during the year.

The Handbell Choir was formed through a gift of three octaves of Schulmerich handbells by Mrs. Ruby Gordinier of Louisville, Kentucky. The group performs at college and outside functions throughout the year.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewald, Dr. Keith Schoville, Dr. Joseph M. Webb, Dr. Harold Hazelip, and Dr. Gerald Mattingly.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have

received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the proposed organization is in keeping with the purposes and philosophy of Milligan College.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who do not have a major or minor in science but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and office administration majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with the educable mentally retarded. It also sponsors social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Vice President for Student Development. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meetings on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to provide small loans to meet emergencies.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

The International Awareness Club provides a unique opportunity for students from countries around the world and the United States to share together about different nations and cultures as well as our world as a whole.

Big Brother/Big Sister is an outreach ministry which works with area organizations to provide role models, temporary siblings, and other services.

The Student Hunger Committee promotes awareness of the universal problem of hunger. It works through organizations such as World Vision and Compassion International to raise concerns as well as funds to the benefit of those in need.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

There is also the opportunity to participate in the athletics program as a member of the Varsity Cheerleaders or the Milligan College Drill Team.

The intramural program of athletics is designed to encourage participation by all students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and forty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms and theatre located in this structure are the offices of the Vice President for Academic Affairs and Dean, the Vice President for Student Development, and the Registrar.

Hardin Hall was built in 1913. This three-story brick building is a residence hall for women and houses the Business Office, the Director of Placement, the Director of Testing, and several faculty offices. The building honors Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years.

The Mary Hardin McCown Cottage, the campus hospitality house, is the building formerly occupied by the President of the College. Visitors may receive information concerning the campus at this center. Other offices in the building are those of the Director of Admissions, the Director of Financial Aid, and the Director of the Adult Education Programs.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. Offices of the President and Vice-President for Institutional Advancement are located on the second floor. This building also contains a computer lab and the law library.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire--192 feet above ground level--overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and drama. The main sanctuary-auditorium will seat 1,300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

The Science Building was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 250-seat lecture hall, and several special-purpose rooms.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The McMahan Student Center, built in 1987, was a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals.

The Lowell W. Paxson Communications Center is located on the site of the former Student Union Building. It contains classrooms, editing rooms, a darkroom, and well equipped studios for both radio and TV productions. It was dedicated April 20, 1989 and was made possible through a gift from the Lowell W. Paxson Foundation.

Williams Hall is one of the newest residential facilities on campus. All suites contain four single rooms for upperclassmen and include a living room area. Williams Hall was constructed in 1992 in honor of Judge Glen Williams, a federal judge in southwest Virginia and graduate of Milligan College.

CAMPUS BUILDINGS



Seeger Chapel



Science Building



P.H. Welshimer Library



Steve Lacy Fieldhouse



John E. McMahan Student Center



Lowell W. Paxson Communications Center



Little Hartland



Derthick Hall

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$25.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references. The Admissions Committee may also under certain circumstances request an interview.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 scale are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), DANTES, and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may, after one semester, reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissal with the Vice President for Student Development.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Special Students

Special students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. An applicant over eighteen years of age who does not qualify for any of the categories for normal admission but who demonstrates an ability to do college work may be admitted as a special student. If the student satisfies the entrance requirements in full within two years from the time of admission, he or she may then become a candidate for a degree. Special student status must be granted by the Vice President for Academic Affairs and Dean at the beginning of each semester.

2. Special students may also be undergraduate students who have met all entrance requirements but who are temporarily departing from graduation requirements or from specified curriculum for one or two semesters. During that time they are not candidates for a degree. This status must be granted by the Vice President for Academic Affairs and Dean at the beginning of each semester.
3. Transient or visiting students are special students who are seeking a degree at another institution and who have obtained permission from that institution to enroll in Milligan College. Hours earned at Milligan will be transferred to the home institution for application towards a degree.

Credit earned as a special student will be subject to revision should the student become a candidate for a degree at Milligan College.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-immigrant alien students. Foreign students must present a TOEFL score of at least 550 and prepay all expenses for one year; \$200.00 of the prepayment is non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book which they sign and officially become members of the Milligan Community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$3,510.00
Room Charges: Single	\$817.00
Double	\$686.00
Telephone Service (optional) (per person, double room)	\$41.00
Board	\$751.00
Student Activity Fee	\$45.00
Tuition for each academic hour over 17	\$206.00

A special schedule determines tuition for 1 to 11 hours.

A special schedule determines tuition for Evening College, Summer School, Organizational Management, and M.Ed. program.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees--Fees are subject to change without notice.

Materials for special courses:

Studio Art Courses	10.00
Art 311	5.00
Communications 203	5.00
Communications 211	20.00
Education 102	20.00
Education 153	10.00
Education 315, 316, 451	5.00
Education 434, 443	10.00
Education 452	75.00
Education 551, 552	100.00
Science Laboratory Fee	20.00
Office Administration 470-472	10.00
Language Lab Fee	10.00
Office Administration 131, 132, 231	10.00
Music 365, 367-8	5.00
Music 110	20.00
Sheet Music Deposit	15.00
Developmental Courses 15.00	
Computer 100, 104, 211, 212, 213, 216, 217, 275, 280, 322, 341, 343, 411, 431, 495	
One Computer Class	20.00
Two Computer Classes	30.00
Three or more computer classes	35.00
Health and Physical Education 101	8.00
Tuition Charges in Applied Music	
One semester hour	\$110.00
Two semester hours	\$185.00

Application Fee

An application fee of \$25.00 is required with the application for admission to the College. This fee is not refundable. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student is charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee, each student, whether commuting or in the dormitory, is expected to pay a \$50.00 prepayment on account, which reserves a place in the class. These deposits are due within thirty days of the time the student is accepted.

THESE DEPOSITS ARE NONREFUNDABLE IF THE STUDENT DOES NOT ATTEND MILLIGAN COLLEGE.

Miscellaneous Fees

Diploma and graduation fee (undergraduate)	\$28.00
Diploma and graduation fee (graduate)	65.00
Transcript fee--after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00
Appliance fee in residence hall (per semester)	15.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions are made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

I. Academic Management Services Budget Payment Plan

This plan allows for payment of college fees in ten convenient monthly payments commencing June 15. The cost of this plan is \$45.00 which includes Life Benefit Coverage. There are no other fees or interest charges. Information concerning this plan is forwarded upon request.

II. Three Payment Plan

A down payment of one-half of the tuition, room and board (after deducting scholarships, grants, and financial aid), plus other class fees is to be paid by registration day. The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

All current accounts are charged 1% interest per month on current charges until October 31 and March 31 for fall and spring semesters, respectively. After these dates, 1 1/2% per month is charged until the account is paid in full.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript is issued until the student has satisfied all accounts with the College.

Students who have financial aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books are charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$300.00 per semester.

Board

The cost of Board is \$751.00 per semester for twenty meals during the week, exclusive of official vacation periods. The dining room is closed during vacation periods. This price is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Vice President for Academic Affairs and Dean, the Vice President for Student Development, the Business Manager, and the Registrar, 100% refund of tuition, room rent, and fees are refunded for a student who withdraws prior

to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, receives a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester receives a 75% refund of tuition and room rent. There is no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester receives a 50% refund of tuition and room. There is no refund of fees. An exception is made for illness, in which case the refund period is extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit is given for scholarships or grants-in-aid.

There is no refund of tuition and room rent after the thirtieth day. In all cases a student is charged only a pro rata share of board based on the number of days enrolled. This policy is applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures results in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar day of the term. This policy is applied proportionately to courses of shorter duration than a full semester.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered, financial aid requirements are met, and financial need is demonstrated, Milligan attempts to meet a portion of that need.

General Requirements for Financial Aid

1. Apply for admission to Milligan College
2. Be classified as a regular, degree-seeking student
3. Be enrolled at least half-time (six hours per semester)
4. Follow satisfactory academic progress policies

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

Financial Aid Application Process (Pell Grant, SEOG, College Work/Study, Milligan College Work/Study, Stafford Loan, Perkins Loan, PLUS/SLS Loans, Tennessee Student Assistance Award, Milligan College Scholarships):

1. Complete a Family Financial Statement (FFS) and mail it to the American College Testing Program (ACT).
 - a. All students must complete either the FFS or a waiver of right to Title IV Financial Aid. The waiver can be obtained by calling the Director of Financial Aid at 1-800-262-8337, Ext. 8713.

- b. Be sure to include Milligan's code (3996) on the FFS application.
 - c. For a Tennessee Student Assistance award, students should apply by March 1. Tennessee residents must include the Milligan College code (048) for the Tennessee Student Assistance Corporation (TSAC) for state grant purposes.
 - d. For a Stafford Loan, complete the section requesting Stafford information. A Stafford or SLS/PLUS Loan application may be obtained from a bank or the Financial Aid Office. After completing the application, send it to the Financial Aid Office for certification. The application will be mailed to the bank of the student's choice for final processing. More information may be obtained from banks, lending institutions, or the Tennessee Student Assistance Corporation.
2. Students who have attended another post-secondary educational institution are **REQUIRED** to have a **FINANCIAL AID TRANSCRIPT** mailed to Milligan from their previous schools whether or not they received financial aid.
 3. Students interested in College Work/Study or Milligan College Work/Study **MUST** complete a Milligan College Work/Study Application.
 4. Students interested in scholarships **MUST** complete a Milligan College Scholarship Application.

NOTE: Students may complete the College Scholarship Service Financial Aid Form (FAF) instead of the ACT (FFS) form; however, Milligan prefers the ACT (FFS) form. Students who are Pennsylvania residents may complete the Pennsylvania Higher Education Assistance Agency (PHEAA) application instead of the FFS or FAF. The PHEAA code for Milligan is 500049.

Financial Aid Calendar

March 1—Priority Deadline for mailing the Family Financial Statement (FFS) to ACT

March 1—Priority Deadline for mailing the Milligan College Scholarship Application to Milligan College

April 10—Priority Deadline for mailing the Milligan College Work/Study Application

April 10—Priority Deadline for mailing any other requested documents to the Financial Aid Office. This includes Financial Aid Transcripts, copies of tax returns, signed certification statements, student aid report, institutional verification form, etc.

It is important to meet the priority deadlines. Some awards are based on a first-come, first-served basis.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

Pell Grant

Supplemental Educational Opportunity Grant (SEOG)

State Student Incentive Grant (for residents of Tennessee, Pennsylvania, and Vermont)

Nursing Coalition Education Grant

A grant of \$3,000 per year is available to all students pursuing a Bachelor of Science in Nursing degree, regardless of need. The first two years of the grant carry no obligation on the part of the student. Accepting the grant for the third and fourth years of the program obligates the student to accept employment with one of the sponsoring hospitals for one year at prevailing salaries and benefits.

Campus Employment

The College Work/Study Program provides jobs for students who need financial aid and must earn part of their educational expenses. The amount of the CWS award depends on financial need and the amount of funding the College has for this program. Jobs are assigned by the Work/Study Coordinator, and the rate of pay is at the current federal minimum wage.

The Milligan College Work/Study Program is similar to the College Work/Study Program, except that the funding is provided by the College and the earned wages are applied directly to the student's account. Student wages are based upon the job assigned.

Loans

Several low-interest, government-subsidized loans are available. Most are not to be repaid until the student leaves school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan

Stafford Student Loan

Tennessee Teacher Loan/Scholarship (Tennessee residents only)

Parents Loan for Dependent Undergraduate Students (PLUS)

Supplemental Loans for Independent Undergraduate Students (SLS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The ACT/SAT Scholarships are offered to students who excel on the ACT or SAT exam. Awards are based on the following scale:

SAT Score		Enhanced ACT Score	Amount of Award	GPA Needed to Retain Award
Men	Women			
1475 and up	1461 and up	35-36	Basic Tuition	3.5
1393-1474	1378-1460	33-34	75% of Tuition	3.3
1269-1392	1253-1377	30-32	50% of Tuition	3.1
1186-1268	1170-1252	28-29	25% of Tuition	2.8
1104-1185	1087-1169	26-27	10% of Tuition	2.6

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation, an essay on an assigned topic, and financial need. A minimum Enhanced ACT of 20 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. Scholarships in varying amounts are also awarded

to the top twenty scorers on the Individual Achievement Test. Recipients must maintain a 2.5 g.p.a. each semester.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$1,000 a year for a two-year period are available to a limited number of students who graduate from a high school within the counties listed. An Enhanced ACT of 19, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years, a 2.0 GPA is required.

Upper Division Area Scholarships are given to upperclassmen in each academic area. Awards are based on the student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Men's Tennis, Women's Volleyball, Women's Softball, Women's Basketball, Women's Tennis, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the F.L. Broyles Memorial Scholarships, the Lula Kilday Scholarships, the Mr. and Mrs. W.B. Stump Scholarships, the Martin Roark Scholarship, the Thurman Earon Scholarship, the Sylvester Hughes Memorial Scholarships, the Roy G. True Memorial Scholarship, the Genenevieve Ross Lawson Scholarships, and the Donald Galley Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Harold W. Scott Memorial Scholarship and the Dessie Maddux Memorial Scholarships are awarded to outstanding ministerial students who demonstrate financial need.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding business major who demonstrates financial need.

The Ralph Small Scholarship is awarded to an outstanding student in the area of communications.

The Lovelace Education Fund provides a scholarship for a native American Indian from the Cherokee reservation.

The Jones Family Scholarships are awarded to outstanding history and English students.

The Patricia Huffine Scholarship is awarded to a deserving student from a designated area of Illinois.

The Grace McMahan Ministry Scholarships are awarded to outstanding students preparing for ministry.

The Joe and Lora McCormick Scholarship is awarded to a student from the First Christian Church of Johnson City, Tennessee.

The Donald E. Bush Scholarships are awarded to majors in the area of business.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 32, or 35, and 10 USC106 Title 38 United States Code.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Communications, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant Studies, Mathematics, Nursing, Organizational Management, Psychology, and Sociology. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than thirty semester hours in Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours in psychology

Health & Physical Education 101 and one additional hour of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Theatre 101 or an acceptable substitute

Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Rising juniors are required to take a test covering general knowledge.

Graduating seniors are required to take a test covering their knowledge in their major field of study.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate Developmental Studies course(s) as a gradu-

ation requirement. **Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.**

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

Psychology 100 is required of all freshmen during the first semester of attendance.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science degree requires 63 semester hours and is conferred in the field of Education. A student seeking the A.S. degree must complete no fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

For requirements for the Master of Education degree - See Page 84.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into the College, provided these requirements are met within six years; otherwise they are required to meet current degree requirements. The six-year limitation is extended for the length of time in military service for students who enter service after enrolling at Milligan.

All courses listed in this Catalog are not necessarily offered each year. Students should consult with their advisers to plan their curriculum.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. **If a student does not attend the required number of services, eligibility to return to Milligan for the next semester is forfeited.**

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student is necessarily affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4 1/2 week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to give mature students who must work through the day an opportunity for the advantage of study at Milligan, courses are offered during the evening. These courses are the same courses which are taught during the day and will lead to majors in Accounting, Business Administration, and Legal Assistant. Those desiring additional information concerning Evening College should contact the Office of Adult Education Programs. In addition the Organizational Management Program is available as described on Page 82.

Advisers

All freshman students entering Milligan College are assigned a faculty mentor who works closely with them. At the beginning of the sophomore year the student becomes the advisee of a faculty member in the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she selects a field of work for concentrated study. This selection is ordinarily made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible/Ministry, Biology, Business Administration, Chemistry, Christian Education, Church Music, Communications, Computer Science, Elementary Education, English, Family Ministry, Health Care Administration, Health and Physical Education, History, Human Relations, Humanities, Legal Assistant Studies, Mathematics, Missions, Music, Nursing, Organizational Management, Psychology, Sociology, and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student selects one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Art, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, English, French, German, Health, History, Human Relations, Mathematics, Music, Philosophy, Physical Education, Physical Science, Psychology, Sociology, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A = 4.0 quality points
A- = 3.7 quality points
B+ = 3.3 quality points
B = 3.0 quality points
B- = 2.7 quality points
C+ = 2.3 quality points
C = 2.0 quality points
C- = 1.7 quality points
D+ = 1.3 quality points

D = 1.0 quality points
D- = .7 quality points
F = 0.0 quality points
S = Satisfactory--not computed in grade point average
U = Unsatisfactory--no quality points
W = Withdrawn
I = Incomplete--not computed in grade point average

Students withdrawing officially from classes through the eleventh week will receive "W's."

Library Services

Students find in the P.H. Welshimer Memorial Library a wide variety of materials to support their academic work and some leisure time reading materials as well. These resources include the traditional types of library materials: books, journals, magazines, documents, papers, correspondence, phonograph records, audiocassettes and videocassettes (87,710 book and periodical volumes; 163,388 microform documents; 2,433 units of non-print materials; and 596 current periodical subscriptions). Newer types of resources, such as information databases on compact discs, are available as well.

The ability to research, locate, and utilize information is an important life-long skill. Library staff assist students in adding to their knowledge of how to use libraries and in finding what they need for assignments.

The Library participates in resource-sharing agreements with the libraries of Emmanuel School of Religion, East Tennessee State University (main campus and medical school), and three private colleges in the surrounding region. This provides access for Milligan students to many resources beyond the considerable holdings of the Welshimer Library. Further, membership in the Southeastern Library Network provides interlibrary loan access to the holdings of thousands of additional libraries.

Special collections within the Library contain materials on the history of Milligan College, Restoration Movement history, and local history.

Testing Services

All entering students are evaluated in the basic skills of reading, writing, and mathematics. Proficiency in these basic skills is a requirement for graduation. Services are provided to help students attain this proficiency (see Developmental Skills Program).

Those students electing the education profession are required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see Education Area).

The College Level Examination Program and DANTES are available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

The Miller Analogies Test is available upon request for those entering graduate studies.

A testing bulletin is available in the Office of Testing describing the services of that office.

Prior Learning Assessment

Milligan College recognizes that not all college-level learning occurs in a college classroom. Prior learning assessment programs provide a method by which such learning can be evaluated for college credit. The key to success in earning credit is the documentation of knowledge and skills appropriate to courses included in the Catalog. Students interested in a particular form of assessment should contact the appropriate office for further information.

The Testing Office evaluates and/or administers these programs:

Advanced Placement Program

College Level Examination Program (CLEP)

DANTES Program

International Baccalaureate Program

The Adult Education Office processes the following programs:

Portfolio assessment

Evaluation of military credit

American Council on Education's National Guide to Educational Credit for Training Programs

Program on Noncollegiate Sponsored Instruction (PONSI)

The American Council on Education and the Program on Noncollegiate Sponsored Instruction evaluate some corporate training as well as some proprietary programs (e.g., the Dale Carnegie Public Speaking course).

The Prior Learning Assessment Programs (available in the Adult Education Office) contains additional information about the program.

Courses at Another Institute

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved by the Registrar prior to enrollment. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Dean. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours are accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point

average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors are determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Vice President for Academic Affairs and Dean publishes a list of students who have done outstanding work during that semester. The Dean's List is composed of students who earned a semester grade point averages of 3.50 to 4.00.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average is placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit are factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see page 19).

Milligan College is seriously concerned that every student who enters the College makes progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extracurricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; and rising juniors and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar issues to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar issues grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman; sophomore, 26 hours; junior, 58 hours; senior, 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan are furnished only upon the request of the student.

One transcript is issued to each student without charge; subsequent transcripts are issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Dean. Upon securing the consent of the Dean, the student is expected to meet all obligations involving instructors, fellow students, deans, dormitory residents, business manager, and registrar.

Students who leave the College without fulfilling these obligations receive "F's" in all courses in which they are enrolled and forfeit any returnable fees which may have been paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (except Bible 123, 124; Humanities 101, 102, 201, or 202) through the eleventh week of classes. Classes dropped are evaluated with the grade "W."

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power of thinking." Therefore, while a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree is conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

- Completion of six semesters or ninety hours in residence in Milligan College.
- Fulfillment of all general education requirements and completion of a minor.
- Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

Co-operative programs enable students to enjoy the advantages of the distinctive ministries of two colleges. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three-year program at Milligan may receive the baccalaureate degree from Milligan and the engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a cooperative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four-year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student completes an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University, which awards the B.S.N. degree. Interested persons should contact the Office of the Dean or the nursing adviser.

Early Admission Program at the James H. Quillen College of Medicine at East Tennessee State University

Milligan College freshman pre-medical students have an opportunity to participate in the early admission program at the Quillen College of Medicine. Interested students must be exceptional in ability, apply for the program prior to their sophomore year at Milligan College, and successfully complete the screening process implemented by the Health Sciences Pre-professional Advisory Committee at Milligan College. For further information, contact the Chairman of the Health Sciences Pre-Professional Advisory Committee.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina, and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

- (1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.
- (2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A university based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five-year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year, a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school. The degree is awarded by Milligan College.

For additional information contact the Chairman, Area of Scientific Learning.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation.

OPPORTUNITIES IN THE CHRISTIAN COLLEGE COALITION

Because Milligan College is a member of the Consortium of more than 78 private liberal arts Christian colleges and universities, a number of off-campus learning

opportunities exist. These include an American Studies program in Washington, D.C., an Environmental Studies Program, a Latin American studies program in Puerto Rico, the Los Angeles Film Studies Center, and an increasing number of overseas travel programs which are being developed. Additional information and application materials are available in the office of the Vice President for Academic Affairs and Dean.

The American Studies Program

The American Studies program which began in September 1976 provides a variety of work/study opportunities for students from Christian College Coalition institutions. Based on the principle of integrating faith, learning, and living, students spend time in Washington, D.C. earning academic credit by serving as interns and participating in a contemporary, issue-oriented seminar program.

The program is designed for juniors and seniors with a wide range of academic majors and vocational interests.

The Au Sable Institute of Environmental Studies

Located in Michigan, this program offers courses which cover different aspects of environmental studies, ecology, and stewardship. Ecological information is provided along with experience in both field and laboratory techniques.

Latin American Studies Program

An opportunity to live and learn in Latin America is available to students from coalition member colleges through the Latin American Studies program. Located in San Jose, Costa Rica, the program is committed to helping students examine and live out the Lordship of Jesus Christ in an international context.

Each semester a group of approximately twenty students is selected to participate in this seminar and service experience in Latin America.

Los Angeles Film Studies Center

The Christian College Coalition inaugurated a Los Angeles Film Studies Center with opportunities for student involvement in January 1991. This center which serves as an extension campus for coalition institutions incorporates study programs and internship experiences in the Hollywood area for gifted students from member colleges and universities. Its purpose is to enable its graduates to serve in various aspects of the film industry with professional skill and Christian integrity.

Overseas Study Opportunities

Several opportunities for overseas study are available through the coalition. An Oxford summer program provides study possibilities in England. Work is progressing toward study opportunities in the Soviet Union.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level.

Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Vice President for Academic Affairs and Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:



DEVELOPMENTAL STUDIES

Some students come to college weak in a variety of basic skills and strategies required for success in their course work. The Developmental Studies classes in mathematics, writing, and reading give students the opportunity to develop more proficiency in these areas. Applicants with ACT scores of below 19 in math or SAT numerical scores of below 450 are required to take Developmental Math. Applicants with ACT subscores of below 20 in English or with SAT verbal scores of below 460 are required to take Developmental Reading their first semester. Applicants whose performance on a writing sample indicates a need for special assistance are required to take Developmental Writing their first semester. Students needing both reading and writing who are in Humanities 101-102 take the integrated developmental reading and writing courses which are supplemental instruction to freshman Humanities. Additional assessment tests in reading and mathematics are offered during orientation for Developmental Studies students who wish to challenge their need for special assistance. Transfer students are evaluated for Developmental Studies on the basis of performance on previous college-level work.

Students cannot withdraw from Developmental Reading and Writing. Upon demonstrating the ability to do "A" or "B" work consistently in Developmental Reading or Writing and to do "A," "B," or "C" work consistently in other courses being taken at the same time, a student may be dismissed from Developmental Reading or Writing before the semester is completed and will receive credit for the course. Failure to pass either course requires that the student must retake the course the following semester. A minimal grade of "C" is required to pass Developmental Studies courses.

Individual assistance in reading, writing, or study strategies is also offered for other students who wish to improve their abilities to achieve college success.

Mathematics--see Mathematics 090

Reading--see Humanities 091

Reading for Humanities--see Humanities 092

Writing--see Humanities 093

Writing for Humanities--see Humanities 094

These hours do not count toward the 128 hours required for a degree but are included in the student's GPA.

Area of Biblical Learning



Dr. William C. Gwaltney, Jr., Chairman

BIBLE/MINISTRY

The Bible, the written revelation of God to mankind, is central to the curriculum in Milligan College. The Bible is not only a treasury of the world's literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting--geographical, cultural, linguistic, social--of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible/ministry consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 250 for two hours, 273, 276 or an acceptable Christian Ministries option that augments the student's vocational objectives, and 491 for two hours. The Bible/Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in biblical studies is available only to those who are also majoring in elementary education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

110. **An Introduction to the Restoration Ideal**--A review of the Stone-Campbell Movement in the Nineteenth Century and its doctrinal and practical implications for the Christian Churches in the latter part of the Twentieth Century. One semester hour.
123. **Old Testament Survey**--An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**--A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**--A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The First Century Church (Acts)**--An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. **Institutions of Israel**--A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**--A study of the history and techniques of archaeology in the biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Three semester hours.
295. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.
- 301-302. **The Prophets**--A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
321. **Prison Epistles**--An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**--An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**--A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. **Apocalyptic Literature**--A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.
- 351-352. **The Pentateuch**--A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
411. **Corinthian Correspondence**--A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.
412. **Romans and Galatians**--A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.
422. **Intertestamental Literature**--A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.

- 452. General Epistles**--A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.
- 471. Christ and Culture**--A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

CHURCH HISTORY

- 341-342. Church History**--See History 341-342.
- 431-432. Reformation of the Nineteenth Century**--See History 431-432.

CHRISTIAN MINISTRIES

The program in Christian ministries seeks to prepare people for service in specialized areas of Christian leadership. Preparing for service in churches is a primary focus, so most courses include involvement with a congregation. This program serves as adequate preparation for entry level service in youth ministry, Christian education, and a wide variety of other options as well as graduate or seminary studies. Every major in the area of biblical studies is designed to include some of these courses so that the theoretical may become practical and every Christian will be encouraged to serve in the Church.

The Christian Education major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 304, 308, and 491 for two hours. The Christian Education major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Youth Ministry major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 318, 321, and 491 for two hours. The Youth Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in Christian education includes three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either 304 or 308.

The minor in youth ministry requires three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either 318 or 321.

The Christian Ministry minor requires three hours of Old Testament, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

217. **Introduction to Youth Ministry--** A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This includes some practical experience and is intended both for those planning a career in youth ministry and those preparing for better church service. Three semester hours.
250. **Practical Ministries Colloquium--** A six-semester cycle of seminar-based discussions and field trips focusing on practical aspects of ministry. Consideration is given to the general areas of worship, pastoral care, ethics, administration, missions/evangelism, and sacramental theology. Open to anyone interested in ministry. One-half hour per semester.
261. **Introduction to Christian Education--**A survey course introducing the student to the total program of Christian education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.
270. **Introduction to Christian Missions--**A study of the biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
271. **History of Christian Missions--** A survey of the history and progress of missions since the beginning of Christianity. Offered only on demand. Three semester hours.
273. **Introduction to Ministry--**A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.
276. **Homiletics--**A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.
304. **Materials and Methods of Christian Education--**A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expression groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education--**A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
318. **Materials and Methods of Youth Ministries--**A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
321. **Leadership Development Seminar--**An interdisciplinary course in Bible and Social Learning designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.
375. **Narrative and Story-Telling--**The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observations. Two semester hours.
415. **Studies in Contemporary Evangelism--**A review of the concept of evangelism in the New Testament

and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.

- 460. Family Ministry**--An exploration of the relationship between the church and the family with the aim of developing an approach to enhancing the relationship between those two institutions. Topics include the practical theology of family ministry, an overview of certain relevant Christological themes, a consideration of the nature of the Christian community, a consideration of the relationship between

the family and the church, and specific suggestions with regard to developing a family ministry program for the local congregation. Four semester hours.

- 491. Practicum in Ministry**--Involve-ment in ministry either in a local congregation or a mission field with approved supervision and evaluation. Arrangements are to be made through the Bible Area Chairman. One to three semester hours. Note: This requirement is normally met during a term of not less than eight weeks during the summer following the junior year at a location other than the student's home.

RELIGION

- 350. Comparative Religions**--A comparative investigation of the structure and content of primitive, ancient, and contemporary religions. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion**--See Philosophy 351.
- 421. Sociology of Religion**--See Sociology 421.
- 450. Psychology of Religion**--See Psychology 450.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in family ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no family ministry minor, and no minor is required for majors in this program.

The following curriculum is required:

Old Testament	6 hours
New Testament	6 hours
History 341, 342, 431	8 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Christian Ministries 250	2 hours
Christian Ministries 460	4 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours
Sociology 321 or 413	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 491	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is purposely rooted in the area of biblical learning since an understanding of the universe and one's own place in it is predicated upon an understanding of God's purposes as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines--Bible and Sociology--which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM491) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The Missions major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no Missions minor, and no minor is required for majors in this program.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	4 hours
Christian Ministries 250 Practical Ministries Colloquium	2 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 491 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements--Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives--The following courses are recommended.

Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	





Area of Humane Learning



Ms. Carolyn C. Nipper, Chair

Human achievement in the arts of thought and expression is one of the major studies in a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped art, communications, English, theatre arts, foreign languages, music, humanities, and philosophy. At the present a major may be taken in the fields of church music, communications, English, music, and humanities. A minor may be taken in art, church music, communications, French, German, English, music, Spanish, and philosophy.

A special concentration in language arts is available only to those who are majoring in elementary education. In addition to the humanities required of all students, the concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

ART

The Art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other courses listed below.

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| <p>203. Visual Composition--Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. Three semester hours.</p> | <p>237. Basic Photography--An introduction to the 35mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.</p> |
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250. **Drawing Studio**--A class for either the novice or the experienced student. Students cover perspective solving, still life, the human figure, landscape, portraiture, and a study of the masters. Three semester hours.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
311. **Art for Elementary Teachers**--Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.
337. **Photojournalism**--An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Three semester hours.
340. **Graphic Design**--A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Three semester hours.
350. **Painting Studio**--Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the student master the painting medium through working in still life and landscape and through copying the masters. Three semester hours.
375. **Studio Workshop**--An open studio course especially designed for the student interested in pursuing an art project. One to three semester hours.
490. **Independent Study**--Independent work for junior or senior art minors in an area of the student's interest. The student's program is under the supervision of the art professor. One to six semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.

COMMUNICATIONS

The major in communications prepares students for careers in the varied fields of oral and print communication. Each course and specialty within the major seeks to help students understand and analyze all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen careers as professional communicators.

The major in communications may be a B.A. program which requires completion of a foreign language through the intermediate level. The student may elect the B.S. degree which requires Mathematics 213 and Computer Science 100 and 275.

In addition to the twenty-one hours of core courses, a student must also complete twelve hours in one of the following specialties: Public Relations/Advertising, Broadcasting/Aural-Visual, Journalism, or Organizational Communications.

The minor in communications requires Communications 101, 201, 203, 205, and six hours of electives.

Required Core Courses

Communications 101
Communications 201

Communications 491
plus
two of the following

Communications 301
Communications 303

Communications 203
Communications 205

Business Administration 361
Business Administration 421

SPECIALTIES

Public Relations/ Advertising

Com. 311
Com. 315
Com. 411
Com. 415

Broadcasting/ Aural-Visual

Com. 323
Com. 325
Com. 421
Com. 425

Journalism

Com. 331
Com. 335
Com. 337
Com. 431

Organizational Communications

Com. 341
Com. 345
Com. 441
Com. 445

101. Introduction to Mass Communications--A survey of the history, structure, and processes of the American media system, including newspapers, magazines, radio, and television. The course also includes an introduction to newer forms of mass media, including a look into the future of such things as satellite, cable, and laser technologies and how they impact the media system. Three semester hours.

201. Principles of Interpersonal Communication--An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.

203. Introduction to Visual Communication--A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.

205. Writing for Public Media--An introduction to and practice in

writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of newswriting itself. Three semester hours.

211. Desk Top Publishing--A publishing course designed to give students practice and experience on the Macintosh Desk Top System. Students gain experience in preparing newspaper, magazine, and advertising copy. Skills learned include scanning and editing photographs for reproduction. Software packages include Wordperfect, Pagemaker, Omnipage, and Freehand. Three semester hours.

301. History and Philosophy of American Media--An in-depth examination of the origins and development of the American media system and its place in the overall economic and political system. Special attention is given to the ways in which competing philosophies have shaped the contemporary media. Three semester hours.

303. Law of Mass Communication--A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel,

- journalists' privilege, and obscenity law. Three semester hours.
311. **Public Relations Practices--**An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public relations within the media system as well as in the American social and political economy. Three semester hours.
315. **Media Advertising and Sales--**An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements are evaluated and critiqued, and the process by which advertising is developed and presented is included. Three semester hours.
323. **Fundamentals of Production--**An introduction to the process of producing programs for use in audio-visual media, whether for "limited" in-house use or for broadcasting. The course provides an orientation to the equipment and procedures essential for such production, as well as supervised practical experiences. Three semester hours.
325. **Writing for Aural-Visual Media--**An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite: Communications 205. Three semester hours.
331. **News Gathering and Reporting--**An introduction to the process of gathering and writing news which can be applied to either print or broadcast news. Attention is given to the differences involved in news handling of the two media types. Intensive practice is given in writing news for print and broadcast. Prerequisite: Communications 205. Three semester hours.
335. **News Editing and Newspaper Production--**A study of the fundamentals of editing combined with the processing of edited materials through their production into print. Included are the newer forms of technology and how they affect the newspaper editing and production functions. Three semester hours.
337. **Photojournalism--**An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisites: Communications 203 and Art 237. Three semester hours.
341. **Principles of Organizational Communication--**An overview of organizational communication and the role that it plays in the American system. Attention is given to the nature of leadership, to organizational structure in business and industry, and to the processes by which complex tasks are carried out. Three semester hours.
345. **Dynamics of Group Communication--**The study of how groups and collectivities of people organize and maintain themselves. The course includes a study of theories in group dynamics as well as an examination of why groups sometimes fail. Three semester hours.
411. **Public Relations/Advertising Campaigns--**An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisites: Communication 311 and 315. Three semester hours.
415. **Public Relations/Advertising Research--**A survey of major forms of research and audience-

information gathering on which media sales and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as practice in audience surveying. Prerequisites: Communications 311 and 315. Three semester hours.

421. **Advanced Production**--Supervised practice in the production of programs for broadcast or use in aural-visual settings. Productions are planned and carried out for group work within the context of the course. Attention focuses on every step of the production process from idea conception and program development through script writing, taping, and editing the final program. Prerequisite: Communications 323. Three semester hours.
425. **Seminar in Broadcasting**--An advanced study of the role and future of broadcasting or aural-visual media in American society. Particular attention is given to the changing nature of the industry and to its occupational requirements. Prerequisites: two courses in Broadcasting Specialty. Three semester hours.
431. **Advanced Reporting and Writing**--Practice given in specialty forms of print journalism, includ-

ing feature writing and public affairs reporting. Prerequisite: Communications 331. Three semester hours.

441. **Leadership**--The study of various styles of leadership in organizational structures. Types of leaders are evaluated in terms of various kinds of organizations--voluntary, public, and private. Role playing is utilized to simulate organizational problems that call for leadership. Three semester hours.
445. **Advanced Organizational Theory**--A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
491. **Field Work**--A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four

hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level theatre arts courses may be applied to an English major. The English major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

An area of concentration in language arts is available for those who are majors in elementary education. In addition to the Milligan College Humanities requirement, the required courses are English 311, 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

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| <p>211. Special Studies in Literature--A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writing. Not applicable toward the English major or minor. One or two semester hours.</p> | <p>Offered alternate years. Three semester hours.</p> |
| <p>290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.</p> | <p>313. History of the English Language--A survey of the development of the English language from its origins to the present. Three semester hours.</p> |
| <p>304-305. Survey of American Literature--A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.</p> | <p>354. Children's Literature--A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.</p> |
| <p>311. Advanced Grammar--Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Three semester hours.</p> | <p>355. Adolescent Literature--A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.</p> |
| <p>312. Introduction to Linguistics--A study of the basic principles of linguistic analysis as specifically applied to the English language.</p> | <p>361. Novel--A study of the history and development of the novel as a literary type with special emphasis on British and American novels. Three semester hours.</p> |
| | <p>402. Short Story--A study of the development of the short story with some attention to creative writing. Three semester hours.</p> |

- 411-412. Contemporary Literature--**A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
- 430. Medieval Literature--**A study of selected works from significant writers of the Middle Ages. Three semester hours.
- 432. Restoration and Eighteenth Century Literature--**A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.
- 434. Romantic Movement--**A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Three semester hours.
- 435. Victorian Period--**A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Three semester hours.
- 460. Elizabethan Drama--**An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 461. Jacobean Drama--**An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
- 462. Renaissance Poetry and Prose--**Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Three semester hours.
- 489. Directed Readings--**A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies--**A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar--**A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test.

Students may receive credit for the intermediate year of a language by means of the CLEP or AP exam. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in foreign language is available to those who are also majoring in elementary education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 34).

FRENCH

The minor in French consists of eighteen semester hours beyond the level of French 111-112.

111-112. Elementary French--The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate French--The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Advanced Conversation and Composition--Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French.

Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of French Literature--A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. French Civilization and Culture--A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, in-

dependent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German consists of eighteen semester hours beyond the level of German 111-112.

111-112. Elementary German--The pronunciation and writing systems, oral mastery of basic structural patterns in dialogue form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate German--Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition--Extensive practice

in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature--A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

GREEK

111-112. Elementary Greek--A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Selected readings in New Testament literature are included in the second semester. Three semester hours each semester.

221-222. Intermediate Greek--The translation and grammatical analysis of New Testament passages representing a cross-section of

Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

331-332. Advanced Greek Readings--Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

111-112. Modern Hebrew--Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate Hebrew--Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish consists of eighteen semester hours beyond the level of Spanish 111-112.

111-112. Elementary Spanish--The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Five class periods and not less than two laboratory periods per week.

Six semester hours during the fall semester.

211-212. Intermediate Spanish--The reading of prose with grammar review, oral, written, and conver-

sational drill. Five class periods and not less than two laboratory periods per week. Six semester hours during the spring semester.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Advanced Conversation and Composition--Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted

in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.

490. Directed Studies--A program of readings and conferences which provides for study of material not included in the regular course offerings. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow students to pursue an interdisciplinary course of study. Although the major is not structured as a pre-vocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the Humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible. The humanities major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

Each student who selects a major in humanities works with an advisory committee selected from the humanities staff to design a program to meet the needs and desires of the individual student.

Students with a humanities major are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students who choose a minor in other fields may still select a major in humanities. There is no humanities minor.

091. Developmental Reading--An integrated approach to college-level reading and study strategies including concentration, comprehension, note-taking, test-taking, and time management. Not applicable

toward the 128 hours required for a degree. Two semester hours.

092. Developmental Reading for Humanities--An integrated approach to college level reading and study

- strategies, designed to accompany freshman Humanities. Meets three days per week. Required for designated freshman Humanities students. Not applicable toward the 128 hours required for a degree. Two semester hours.
093. **Developmental Writing--**A course providing extra instruction for students who demonstrate writing skills below the college level. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also practice organizing and developing essays. Not applicable toward the 128 hours required for a degree. One semester hour.
094. **Developmental Writing for Humanities--**An integrated approach to college level writing strategies designed to accompany freshman Humanities. Meets two days a week, one hour each day. Required for designated freshman Humanities students. Not applicable toward the 128 hours required for a degree. One semester hour.
- 101-102. **Humanities--**An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
111. **Humanities: The Ancient Near East and Classical Greece--**An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture to 336 B.C. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
112. **Humanities: The Hellenistic World, Ancient Rome, and the Middle Ages--**An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 336 B.C. to 1300. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
113. **Humanities: The Late Middle Ages, Renaissance, and Reformation--**An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 1300 to 1563. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
114. **Humanities: The Late Renaissance and Seventeenth Century--**An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 1563 to 1715. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
200. **Humanities European Study Tour--**A study tour of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students complete read-

ing and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

201-202. Humanities--A continuation of the program of Humanities 101-102. Particular attention is given to the idea of progress and the general optimism of the Nineteenth Century as well as the anxiety and despair manifested in the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

490. Reading and Research in the Area of Humane Learning--An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES--PHILOSOPHY HUMANITIES--FOREIGN LANGUAGE

FOREIGN LANGUAGE*

(Min. 18 hours)

- 211-212 Intermediate
301-302 Advanced Survey of
Literature and additional upper level
language courses.

PHILOSOPHY

(Min. 18 hours)

- 321 Ethics
301-302 History of Philosophy
300-400 Electives

**Language emphasis available in French, German, or Spanish*

Twenty-four hours of junior and senior level course work in the Area of Humane Learning will be determined by the student's committee. (Junior and senior level history and Bible courses may be included.) Must include at least three hours of Humanities 490.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for students seeking careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for a primary area of concentration and must complete applied Level VIII requirements and present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled in an ensemble each semester that they attend Milligan College except during the semester of directed teaching. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music and ensemble discussed above. The music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition, the music student wishing to certify to teach shall take Music 451, 452, and Education 102, 153, 408, 451, and 452.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates are trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The Church Music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491 for six hours. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required. The Church Music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The general music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester counts as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

Hearings for senior recitals are held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration are required to take voice class but are not required to pass a voice proficiency.

PIANO

101. **Piano (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 102, 103-202, 203. **Piano (as a secondary concentration for music majors and minors)**--Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 104, 105-304, 305. **Piano (as a principal concentration for music minors)**--Preparation toward attainment of Level VI and completion of Proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 106, 107-406, 407. **Piano (as a principal concentration for music majors)**--Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
208. **Piano Proficiency (for music majors)**--A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
308. **Piano Proficiency (for music minors)**--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
309. **Piano Recital - (junior level)**--One half-hour performance. No credit.
409. **Piano Recital - (senior level)**--One hour performance. No credit.

VOICE

110. **Voice Class**--A study of the rudiments of vocal music, breathing, correct body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
111. **Voice (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.

- 112, 113-212, 213. Voice (as a secondary concentration for music majors and minors)--**Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 114, 115-314, 315. Voice (as a principal concentration for music minors)--**Preparation toward attainment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 116, 117-416, 417. Voice (as a principal concentration for music majors)--**Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
- 218. Voice Proficiency (for music majors)--**A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
- 318. Voice Proficiency (for music minors)--**A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
- 319. Voice Recital - (junior level)--**One half-hour performance. No credit.
- 419. Voice Recital - (senior level)--**One hour performance. No credit.

ORGAN

- 121. Organ (as an elective)--**Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 122, 123-222, 223. Organ (as a secondary concentration for music majors and minors)--**Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 124, 125-324, 325. Organ (as a principal concentration for music minors)--**Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 126, 127-426, 427. Organ (as a principal concentration for music majors)--**Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student

- recital. One hour lesson per week. Two semester hours each semester.
228. **Organ Proficiency (for music majors)**--A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
328. **Organ Proficiency (for music minors)**--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
329. **Organ Recital - (junior level)**--One half-hour performance. No credit.
429. **Organ Recital - (senior level)**--One hour performance. No credit.

INSTRUMENTAL

Instrumental Instruction. Individual instruction in orchestral instruments is available through East Tennessee State University (see page 37).

THEORY

041. **Music Theory Fundamentals**--A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.
- 143-144. **Basic Music Theory**--A course in beginning written theory and keyboard. Three semester hours each semester.
- 145-146. **Basic Ear Training**--A course covering chord identification, dictation, sight-singing, and keyboard. One semester hour each semester.
- 243-244. **Advanced Music Theory**--A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.
- 245-246. **Advanced Ear Training**--A course in advanced study of material similar to 145-146. One semester hour each semester.
347. **Form and Analysis**--A study of major forms of music. Two semester hours.
348. **Orchestration and Arranging**--A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

METHODS AND SEMINARS

- 351. Music in the Elementary School--**Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
- 451. Methods and Materials for Elementary Music--**A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.
- 452. Methods and Materials for Secondary Music--**A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.
- 456. Seminar--**Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.
- 491. Practicum in Church Music--**Applied music experience in an approved church music program. Two to six semester hours.

CONDUCTING AND HISTORY

- 363. Basic Conducting--**A study of conducting patterns, elements of interpretation, and practice in sight-singing. Prerequisite: Music 143 and 145. Two semester hours.
- 364. Advanced Conducting--**Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
- 365. Understanding Music--**Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 367-368. Music History and Literature--**A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
- 369. Hymnology--**A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

181. **Milligan Men**--An ensemble of selected voices studying representative literature. One semester hour.
182. **Women's Ensemble**--An ensemble of selected voices studying representative literature. One semester hour.
183. **Handbells**--An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.
184. **Concert Choir**--A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.
185. **Symphonic Wind Ensemble**--An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.
186. **Chamber Singers**--A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.
187. **Madrigal Productions**--A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. One-half semester hour.
189. **Orchestra**--Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

COMPREHENSIVE EVALUATIONS

199. **Freshman Comprehensive**--A test of general accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.
299. **Sophomore Comprehensive**--A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students who choose a minor in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

- 301. History of Philosophy (Ancient)**--A study of philosophy from the Greeks through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**--A survey of the more important philosophical systems of the Western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 321. Ethics**--A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
- 350. Comparative Religions**--See Religion 350.
- 351. Philosophy of Religion**--A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THEATRE ARTS

The Theatre Arts minor consists of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.



With 156 performances to their credit, the Milligan College Theatre for Young Audiences Company finished a two year run of their innovative production, The Recycling Play. The company received the prestigious Young Ecologist Action Award for 1992 from the National Audubon Society for providing this important environmental message to nearly 60,000 people in the last two years.





101. **Fundamentals of Oral Presentation**--A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
141. **Fundamentals of Voice/Stage Movement**--A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCoq-based mask work and an introduction to stage dialects and stage combat. Three semester hours.
151. **Introduction to Theatre**--The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.
240. **Theatre Make-up and Masks**--An introductory studio course emphasizing the basic principles, theories, and techniques of two-dimensional theatrical make-up and theatrical mask-making. The principles learned in this class may be applied to any theatrical stage environment as well as to film and television production. "Hands-on" experience is emphasized. Three semester hours.
340. **Fundamentals of Directing**--A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.
341. **Fundamentals of Acting**--A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
342. **Advanced Acting**--A course providing advanced acting with an emphasis on Greek, Shakespearean, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
345. **Theatre Workshop**--An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. One to six semester hours.
470. **Readings in Drama**--A concentrated program of readings in drama designed to provide a solid repertory for the beginning dramatist. Prerequisite: six hours in Theatre Arts. One to three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Professional Learning



Dr. Paul A. Clark
Mr. Eugene P. Price, Co-Chairmen

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, education, and the legal assistant studies are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal education. Study in any one of these professional fields prepares the qualified student for graduate study.

Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (controllanship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311-312, 411 or 415, and three semester hours of accounting electives at the junior or senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level. Business administration majors with an accounting minor are required to take twelve hours of business electives in place of Economics 201-202 and Accounting 211-212.

211-212. Introductory Accounting--An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a de-

tailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting--A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting--A study of the use of accounting information for managerial decisions with emphasis on the role of the controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312. Auditing--A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Three semester hours.

315. Not-For-Profit Accounting--A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

411-412. Federal Income Taxation--An introduction to federal taxes on income and the preparation of tax

returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory--A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems--A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also has substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

491. Field Work--A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree is offered with a choice of emphasis which allows the student to complete a strong core curriculum in business, accounting, and economics and to have one of five specialties allowing for in-depth study in a specific field. A grade point average of 2.25 is required for the major. Students majoring in business administration with an accounting emphasis may not minor in accounting.

REQUIRED CORE COURSES (24)

Economics 201-202
Accounting 211-212
Economics 301

Business Administration 315
Business Administration 361
Computer Science 280

EMPHASIS

General (9)

Any nine hours of
Economics,
Business, or
Accounting

Marketing (9)

Bus. Adm. 304
Bus. Adm. 316
Bus. Adm. 363

Management (9)

Bus. Adm. 362
Bus. Adm. 375
Bus. Adm. 445

Economics (9)

Economics 304
Economics 403
Economics 451

Accounting (9)

Acct. 301-302
Acct. 311

The Business Administration and Economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 280, and six hours of business, accounting, or economics electives at the junior and senior level. Accounting majors with a business administration and economics minor are required to take twelve hours of business electives in place of Economics 201-202 and Accounting 211-212.

BUSINESS ADMINISTRATION

- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**--A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Three semester hours.
- 315. Marketing**--A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 315L. Computer Projects in Marketing**--A computer applications laboratory focused on the major marketing decision areas using "What if" analysis. Must be taken with Business Administration 315. One semester hour.
- 316. Marketing Communications**--A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**--A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
- 332. Management Information Systems**--A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 280. Three semester hours.
- 361. Principles of Management**--A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**--A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 362L. Computer Projects in Personnel Management**--A computer applications laboratory focused on areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Must be taken with Business Administration 362. One semester hour.

- 363. Industrial and Public Relations--** A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 375. Small Business Management--** A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Three semester hours.
- 421. Business Ethics--** A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no semester. One to three semester hours.
- 445. Advanced Organizational Theory--** A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.
- 491. Field Work--** A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.
- 495. Seminar--** A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester.

ECONOMICS

- 201-202. Principles of Economics--** A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study--** Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance--** A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.

- 304. Government and Business**--See Political Science 304.
- 360. The U.S. Economy**--A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
- 403. Money and Banking**--A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Three semester hours.
- 451. Comparative Economic Systems**--A comparative and analytical study of capitalism, socialism, and communism as they have developed in the countries whose economies they characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The Computer Science program at Milligan is designed to teach the relationship of the computer to the contemporary world. It is composed of courses in computer science and computer applications.

Courses required for a major in computer science are Computer Science 211, 212, 216, 217, 341, 343, 411, 431, and three hours of electives in computer science chosen from Computer Science 104, 213, 322, 332, or 495 with permission of the instructor; Business Administration 421; Economics 201, 202; Math 213. Economics 201 and 202 and Math 213 meet the general core requirements.

The minor in computer science consists of Computer Science 211, 213, 280, 341, 411, and three hours of electives in computer science chosen from Computer Science 104, 212, 322, 332, 343, or 495 with permission of the instructor; Business Administration 421; and Math 213. Math 213 meets the general core requirement. A proficiency test is available for Computer Science 100 and 104 for those students who already have knowledge in these areas.

- 100. Computer Applications**--An overview of the computer as it can be used in our everyday lives. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a computer science major or minor. One semester hour.
- 104. BASIC Programming**--An introduction to programming in BASIC with applications in business, science, social sciences, and education. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Not applicable toward a Computer Science major. Three semester hours.

131. **Keyboarding--**Mastery of the keyboard. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who desires basic typing skills for personal use or for use on the computer keyboard. Not applicable toward a computer science major or minor. One semester hour.
211. **Programming I--**An introduction to all aspects of programming and the problem-solving process. A structured high-level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. Three semester hours.
212. **Advanced Programming and Data Structures--**A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, graphics, and data structures. Topics will include lists, stacks, queues, linear structures, and trees. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
213. **COBOL--**A study of programming techniques appropriate to the preparations of business oriented computer systems using the COBOL programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
216. **Computer Architecture--**An introduction to computer architecture including the hardware and software of a modern computing system. Attention is given to operating system components including I/O handling, memory management, interrupt handlers, assemblers, linkage editors, data and instruction representations, trouble-shooting, and maintenance of microcomputers. Prerequisite: Computer Science 212. Three semester hours.
217. **Assembly Language--**The assembly language of a microcomputer including the instruction set, pseudo-operations, macros, conditional assembly, object code, dumps, coding and linkage conventions, addressing techniques, and use of the assembler. Prerequisite: Computer Science 216. Three semester hours.
275. **Word/Information Processing--**A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also involves "hands-on" experience with a popular word processing package. Prerequisite: Office Administration 131 or equivalent. Three semester hours.
280. **Special Topics--**A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Prerequisite: Computer Science 131 or equivalent. Three semester hours.
322. **Survey of Programming Languages--**A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 212. Three semester hours.
332. **Management Information Systems--**See Business Administration 332.
341. **Systems Analysis and Design--**A study of system design and imple-

- mentation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
343. **System Documentation**--A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Prerequisite: Computer Science 341. Two semester hours.
411. **Database Management**--A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 341. Three semester hours.
431. **Operating Systems**--A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multi-programming and timesharing, command languages and JCL, libraries and linkage editors, and multi-user systems. Prerequisite: Computer Science 212. Three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT STUDIES

The purpose of the Legal Assistant Program is to prepare students to function as paralegals. Legal assistants work with attorneys but are not authorized to practice law. They must not take cases, appear in court to represent clients, set fees, or give legal advice. Legal Assistants work under the supervision of attorneys, who are ultimately responsible to the client.

The program is available either as a two-year certificate program or as the major in a bachelor's degree program.

Objectives of the program are as follows:

1. Graduates should be not only technically proficient but qualified to contribute to the advancement of the legal profession through broad understanding of the field. Such graduates should be able to contribute to the legal profession in a wide geographical area, since the College draws from more than twenty-five states in a typical year.
2. Graduates should be instructed in and encouraged to develop attitudes consistent with the general principles of ethical legal practice.
3. Graduates should be aware of the origin and direction of the paralegal field and be prepared to contribute to the development of the profession.

4. Graduates should be sensitive to the emerging concepts of the role of the legal assistant in the effective delivery of legal services in both the public and private sectors of society.

The Legal Assistant major requires the completion of thirty-three hours including Legal Assistant 110, 210, and 310 plus twelve hours of legal technical courses chosen from the following: Legal Assistant 320, 340, 350, 355, 360, 410, 420, and 430. Paralegals select Legal Assistant 491 for three to six hours and six to nine hours of such law-related courses as the following: Business Administration 321, 322, 421; Sociology 311; Economics 301; or any accounting courses. In addition to the specific courses required in the major, the student must have Psychology 357, Computer Science 280, and a 3.0 in English composition. To continue in the program, the student must have a 2.50 grade point average at the beginning of the junior year and a 2.75 at the beginning of the senior year.

The certificate program requires the completion of the major plus thirty hours of general education, including Bible 123 and 124. The student must have a 2.75 cumulative grade point average in order to receive the certificate. Baccalaureate students use the paralegal program as a major, select a minor, and complete all College general education requirements.

110. **Introduction to the Legal Assistant Field**--A survey of the rise, development, and present status of the profession. Included are visits to law offices and courts and contact with paralegal associations and court officials. The course is designed to allow the student to gain an initial familiarity with the field. Two semester hours.
210. **Legal Research and Writing**--An introductory course in legal research, including the preparation of legal pleadings, complaints, motions, petitions, orders, judgments, and correspondence. Three semester hours.
211. **Legal Research and Writing II**--A continuation of Legal Assistant 210 emphasizing research skills and the application of these skills in the preparation of legal documents. Also considered are the preparation of legal memoranda and various kinds of documents required in a lawsuit. Three semester hours.
310. **Litigation**--A consideration of the various aspects of pretrial and trial procedure including rules of the court procedure, pleadings, discovery, motions, pretrial conference, settlement, and conduct of the actual trial. Three semester hours.
320. **Domestic Relations**--A study of the legal forms and procedures involved in family law: divorces, legal separations, annulments, adoptions, support agreements and enforcement, property division, and related problems. Three semester hours.
340. **Business Organizations**--A consideration of the forms and techniques involved in the creation, management, and dissolution of corporations, partnerships, and joint ventures. Included are articles of incorporation, corporate charters, bylaws, requirements of initial meetings, stock subscriptions, and partnership agreements. Three semester hours.
350. **Torts**--A study of the legal concepts and procedures with which the paralegal must be familiar in order to assist the attorney in developing cases involving negligence, malpractice, and product liability. Three semester hours.
355. **Criminal Law for Legal Assistants**--A study of the role of the legal assistant in assisting the

- criminal lawyer in investigating, interviewing, researching, and organizing the case. Basic concepts of criminal law and the criminal justice system, to the extent such knowledge is necessary for a paralegal to function effectively, are also considered. Three semester hours.
- 360. Real Estate Law**--The study of real estate law concepts, forms, and vocabulary. The student becomes familiar with real estate documents, title abstracting, real estate loans, and closing documents. Three semester hours.
- 370. Administrative Law**--Consideration of the unique character of legal practice before administrative agencies in such areas as environmental protection, telecommunications, labor law, occupational health and safety. Particular emphasis is placed on Social Security and Veteran's Affairs matters. Three semester hours.
- 410. Estates, Wills, and Trusts**--A study of the legal requirements and forms of wills, basic estate planning, estate administration, and probate procedures. Also included are the creation of trusts and their administration and the requirements and procedures for handling state and federal estate and inheritance taxes. Three semester hours.
- 420. Contract and Uniform Commercial Code Forms**--A consideration of the forms and requirements of a valid contract, with special emphasis on commercial forms, such as security agreements, financing statements, perfection of security interests, and purchase and shipping agreements. Recommended prerequisite: Business Administration 321-322. Three semester hours.
- 430. Debtor/Creditor Relations**--A consideration of the forms and procedures incident to Article 9 of the Uniform Commercial Code plus types of bankruptcy and their relevant forms and procedures. Three semester hours.
- 491. Field Work**--Supervised field work in various law offices and legal agencies, designed to give the student broad exposure and initial practical competencies. Three to six semester hours.

ADULT EDUCATION PROGRAM IN ORGANIZATIONAL MANAGEMENT

Milligan College offers a degree completion program for adults twenty-five years and older who have completed sixty or more semester hours of college credit. The program includes a general education core of humanities, social and behavioral sciences, natural sciences, and Bible. A limited amount of credit may be given for documented college-level prior learning. The major may be completed in fifty-three weeks. Classes are taught one evening per week in modules of five to six weeks each; a sequence of these modules is begun periodically throughout the year.

The degree in organizational management prepares the student for leadership in both for-profit and not-for-profit organizations by providing knowledge of management, communication, modern world commercialism, organizational psychology, ethics, and biblical and cultural studies.

Courses are listed in the order in which they are taken.

301. **Adult and Professional Development--**An examination of adult learning theory and learning styles. Professional development is analyzed in terms of needs, goals, lifestyles, and future career trends. One semester hour (three weeks).
460. **Research Methods - Part I--**A project which provides students the opportunity to use library resources, including a computerized literature search, in preparation for a major research project. Each student analyzes a problem in the business/organizational environment. Part I includes the conceptualization of the problem and the application of the appropriate research methodology to examine possible solutions. Two semester hours (three weeks).
310. **Interpersonal Communication--**A study of the role of interpersonal communication in professional and personal relationships. Such skills as listening, attitude development, conflict resolution, and problem solving provide the focus for reading and practice. Three semester hours (six weeks).
313. **Statistical Methods and Research--**A study of problem analysis and evaluation techniques. Basic statistical methods are applied to specific research projects. Three semester hours (five weeks).
410. **Group and Organizational Behavior--**A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolution. Three semester hours (five weeks).
415. **Economic Environment of Management--**An examination of the economic framework in which financial and business management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payments deficits, and unemployment. Three semester hours (five weeks).
361. **Principles of Management and Supervision--**An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours (six weeks).
363. **Human Resources Management--**An exploration of the policies of recruitment, selection, training, development, and compensation of employees. Attention is given to Affirmative Action, Equal Employment Opportunity, and Office and Safety and Health Administration legislation. Three semester hours (five weeks).
421. **Ethics: Social/Business/Personal--**A study of ethical theories and their application to business, social, and personal values. The experience provides students the opportunity to formulate or clarify a philosophy of life and a personal ethic for decision-making in the work place. Three semester hours (five weeks).
471. **Christ and Culture--**A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Three semester hours (six weeks).
461. **Senior Thesis - Part II--**A continuation of Organizational Management 460 focusing upon the solutions to the research problem and the details of implementation. One semester hour - Senior Thesis/Oral Presentation; three semester hours - Senior Thesis.

EDUCATION

The program of teacher education is designed to serve students who wish to be licensed for teaching elementary, secondary, and/or exceptional children. Education courses also give the Christian education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters students complete fifteen weeks of full-time student teaching and attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Milligan College students make application for teacher education while enrolled in the Introduction to Teaching class. Students must have a 2.5 grade point average, complete the Pre-Professional Skills Test (PPST) with Tennessee approved scores, and be accepted by an admission board for full admission to teacher education. Students who have at least a 2.25 grade point average and have passed at least two of the PPST subtests may have provisional admission. The PPST is given each semester. Students with an Enhanced ACT score of 22 or an SAT score of 990 may be exempt from taking the PPST.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw any time before completion.

Licensure

Milligan offers curricula for licensure issued by the State of Tennessee for elementary teachers, secondary teachers, and special education teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to licensure in many states throughout the nation.

National Teacher Examination

Students in the teacher education program are required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 102, 153, 407 or 408, and Psychology 252. Elementary education students should have completed methods courses, and secondary students should have completed Education 471. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only fifteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education asks for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience consists of orientation classes and a fifteen week experience in an assigned school. The students observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.

Special Arrangements of Education Courses

Elementary education students should plan to enroll simultaneously in three courses: Education 315, 316, and English 354. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive time of instruction, a time for a clinical diagnosis and teaching of one child with reading problems, and a time to work with a reading group in the school.

Elementary Education Major

Elementary Education majors, both K-8 and 1-8, take general education requirements: Bible 123, 124, 471; Theater 101; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; Geography 201 or 202; Sociology 201; and Health and Physical Education 101 and one hour of Physical Education activities.

The Elementary Education major consists of Math 103 and 104; Art 311; Health and Physical Education 111 or 411 and 303; Biology 350; Music 351; English 354; History 309 and 310; and Education 102, 153, 315, 316, 407, 451, and 452.

Students completing the Elementary Education major must also complete an area of concentration. The area of concentration for Elementary Education K-8 is Child Development which has an early childhood emphasis. The Child Development concentration consists of Education 341 and 344; Sociology 303; Psychology 250, 259, 353, 357, 404, and an elective in psychology.

The Elementary Education 1-8 areas of concentration are Bible Studies, Social Studies, Mathematics, Science, Foreign Language, and Language Arts.

The Bible Studies concentration consists of Bible 201 and 202; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 210, 303; and 12 hours of electives from Sociology, Psychology, Economics, History, Geography, or Political Science. The student obtaining licensure in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 111, 112, 211, 213, 304 and Computer Science 104. The Science concentration includes Biology 360 and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 150, 151, 170, 171; and Physics 203, 204. Both biology and physical science should be represented in this choice. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary education students have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Secondary Education Curriculum

The program for licensure in secondary education is designed for those interested in a teaching career at the middle school or high school level. Students completing the licensure also complete an academic major and an academic minor. The following areas are licensure endorsement areas: Biology, Business, Chemistry, Economics, English, General Science, History, Mathematics, Psychology, Sociology, French, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, licensure in secondary education requires completion of the following: Mathematics 107 or 213; Psychology 252; and professional education courses including Education 102, 153, 408, 451, 452, and 471. An English major must complete Education 317.

K-12 Curriculum

Music, Health, and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses.

Special Education Curriculum

Milligan College offers a noncategorical special education curriculum with emphasis in learning. The curriculum combines the knowledge and skills required to meet the Tennessee Guidelines for Comprehensive and Modified Programs. Graduates of the Milligan College special education program are educated to teach both severely and mildly handicapped children. Practica include experiences with learning disabled, mentally retarded, physically handicapped, emotionally disturbed, and gifted children. Since the program is closely related to psychology, the curriculum is organized to include a variation of the psychology major. Special education requirements include Math 103, 213; Education 102, 153, 231, 315, 316, 332, 333, 337, 338, 451, 452; Health and Physical Education 406; Sociology 201, 303; Psychology 250, 252, 259, 353, 357, 358, and 454.

Those who desire licensure in both elementary education and special education may combine the social studies concentration and special education in lieu of the modified psychology major.

Associate in Science in Education

The Associate in Science in Education degree program qualifies persons to be caregivers at the associate level in organizations which serve handicapped children and adults. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123 and 124; Humanities 101 and 102; Theatre 101; Mathematics 103; Sociology 303; Physical Education 101 and 209 (for one hour credit only); Psychology 100, 252, and 357; Education 231, 315, 316, 332, 333, 334, 337, 338, and 341.

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| <p>102. Computers in Teaching--Computer application for use in the K-12 classroom and for the teacher's record keeping and research. One semester hour.</p> <p>153. Introduction to Teaching--A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings will be included. Two semester hours.</p> <p>231. Psychology and Education of Exceptional Children--An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.</p> | <p>252. Developmental Psychology--See Psychology 252.</p> <p>290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.</p> <p>315. Introduction to Reading--A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.</p> <p>316. Diagnosis and Remediation in Reading--A study of the diagnosis of reading skills and the objectives, methods, and materials for</p> |
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the correction of reading difficulties. Direct contact with children in tutorial and group teaching situations is included. Three semester hours.

- 317. Secondary School Reading--**A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Three semester hours.
- 332. Learning Problems of Exceptional Children--**A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
- 333. Educational Procedures for Exceptional Children--**Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.
- 334. Practicum in Special Education--**A student practicum in a special education classroom. Three semester hours.
- 337. The Mentally Retarded Child--**A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
- 338. The Multiple Handicapped Child--**The nature and needs of individuals with severe, profound, and multiple handicaps with emphasis on basic educational approaches and on the roles of federal, state, and local agencies in providing services to this population. Three semester hours.
- 341. Early Childhood Education--**A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
- 343. Early Childhood Practicum--**A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
- 344. Literacy in Young Children--**The development of literacy during the early years 0-8. The course includes the study of environmental influences and methods that enrich or delay emerging literacy and language. Group activities for early childhood programs are explored. Three semester hours.
- 407. Middle Grades Foundations--**History, philosophy, and social foundations of middle grade education. Also included is a discussion of the curriculum, learning styles, language learning, and characteristics of the children of the middle grades. Field experience included. Three semester hours.
- 408. Secondary School Foundations--**History, philosophy and social foundations of secondary education. Characteristics of adolescents, legal aspects of teaching, organization of schools, and the curriculum of secondary schools will be discussed. Three semester hours.
- 451. Seminar in Student Relations and Special Education--**A seminar discussion of classroom management. Characteristics of main-streamed

- handicapped students are described. The seminar must be taken during the semester of directed teaching. Three semester hours.
452. **Student Teaching: Practicum in Teaching Skills**--A practicum in lesson planning and instruction. An extensive orientation prepares the student for a fifteen week student teaching program which includes the perfecting of the planning and instruction skills in the classroom setting. Included for K-12 and secondary students is a discussion of reading in the content area. Twelve semester hours.
471. **Materials and Methods in Specific Subject Areas**--Courses in materials and methods in the specific subject matter areas in which
- Milligan College offers secondary teacher education programs. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MASTER OF EDUCATION PROGRAM

The Master of Education degree is a fifteen-month professional educational program which prepares teachers for the high level of competence expected by public and private educational institutions. This program increases both the quality and quantity of the educational experiences for teachers in all three areas of teacher training: general education, specialty studies, and professional education.

The M.Ed. program is designed for (1) students who have a bachelor's degree with a strong general education component, some specialty or endorsement area, and some introduction to educational methods and for (2) licensed teachers who have a bachelors degree and teach at the elementary or secondary level. For those students without licensure, the program consists of 45 semester hours which include licensure; for those already licensed, the requirements consist of 36 semester hours. Either group may finish the program in two summers and one academic year (i.e. fifteen months).

Goals of the Master of Education Degree

Special goals for the graduate program at Milligan College are as follows:

1. To provide students with research techniques and projects which will be focused toward professional development.
2. To provide opportunity for review of current literature related to the theory and practice of teaching.

3. To provide knowledge of student characteristics to support the instruction and management responsibilities of the teacher.
4. To increase the professional competencies of both elementary and secondary teachers at the preservice and the inservice levels.
5. To promote the professional studies at the graduate level to allow more opportunity for liberal arts and teaching specialty studies at the undergraduate level.
6. To encourage creativity in curriculum designing to include lesson planning, subject matter presentation, and classroom leadership.
7. To provide a sound foundation for further graduate study.

ACADEMIC AND FINANCIAL INFORMATION

Financial Information

Tuition is \$120 per semester hour for the 1992-93 school year. Financial aid is available through supplemental loans for students, guaranteed student loans, and teacher loan scholarships (for those seeking certification in math, science, art, or music). A non-refundable application fee of \$20.00 is required with the application.

Library

The P.H. Welshimer Library supports the academic program by providing research materials in all subject areas.

More than 100 journals and periodicals are included in the Education Index and the Current Index to Journals in Education. The Library holds the collection of ERIC documents on microfiche from 1986 through the present and indexing to all ERIC documents from 1966 to the present. The Library also subscribes to EasyNet gateway service which gives faculty and students access to over 850 data bases. Membership in the Southeastern Library Network gives access to the inter-library loan sub-system.

Curriculum Center

The Curriculum Center houses a textbook collection, teacher aide materials (including games and manipulative materials), curriculum guides, and professional books. Also included are films, filmstrips, video and audio tapes, and records. A work space, including four computers, is a part of this center. Educational equipment, including 16mm projectors, filmstrip projectors, slide projectors, and video cameras and recorders are housed in the Library. A complete set of audio-visual equipment is stored in both the Curriculum Center and the classroom where teacher education classes meet. The Curriculum Center has a transparency maker, a laminating press, and an opaque projector.

Computer Services

Milligan College has recently purchased the new IBM PS/2 Model 30's for the two computer labs. One lab is located in the Library and contains twenty PC's. A second lab is located in Derthick Hall and contains nine PC's. Also located in Derthick Hall is a third lab which contains five Apple computers. The Derthick labs are available to the students from 8:00 a.m. to 5:00 p.m. Monday through Friday unless a class is in session and three nights throughout the week. The Library lab is open the same hours as the Library with tutors available starting at 6:00 p.m. on weekdays and all day on the weekends.

Milligan also has thirty other IBM PC's which are located throughout the campus. These computers are available to the faculty and staff.

Full Standing

The minimum requirements for admission to the M.Ed. program are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of at least 2.75 or an overall undergraduate grade point average of at least 2.5 and a minimum score at the 35th percentile (National Norms) on the Miller Analogies Test.

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Miller Analogies Test score.

Students who do not meet the above requirements may be classified into one of the following categories:

Provisional Standing

The minimum requirements for provisional standing are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of 2.25 or a minimum score at the 25th percentile on the Miller Analogies Test (National Norms).

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Three completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Provisional standing may be changed to full standing if the student achieves a grade point average of 3.0 on the first nine hours of graduate study and scores at the 25th percentile on the Miller Analogies Test.

Special Standing

Students who declare a non-degree graduate objective or transient students who have been admitted to graduate schools of other institutions are assigned to Special Standing. Non-degree status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives. When a student in non-degree status has been reclassified to Provisional or Full Standing at

Milligan College by the Academic Dean and the Director of Teacher Education, a maximum of nine semester hours of Special Standing credit may be counted toward a degree objective.

Transient students may enroll with special admission status. Each applicant must provide the Graduate Office with a completed application for admission and a letter of approval from the Academic Dean or Registrar from the student's home institution.

Admission to Candidacy

Graduate students must make application for admission to candidacy immediately following the completion of twelve semester hours of graduate credit at Milligan College. If application is not made at this time, the student may not be permitted to register for subsequent work until the application is approved. These twelve hours normally include the Introduction to Research Methodology. The requirements which must be met before approval of admission to candidacy are as follows:

1. Achievement of full standing.
2. Completion of at least twelve semester hours of graduate credit at Milligan College with a minimum grade point average of 3.0
3. Completion of undergraduate requirements for teacher licensure as follows:
 - A. **Elementary education**--(1) basic pattern of liberal arts courses to assure licensure, (2) methods in reading and mathematics or
 - B. **Secondary education**--(1) basic pattern of liberal arts courses to assure licensure, (2) specific courses in endorsement areas to assure licensure.

Academic Probation and Retention Standards

When a student's cumulative average on courses applied toward the graduate degree falls below 3.0, the student will be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.0, the student's record will be reviewed by the Teacher Education Faculty for possible dismissal from the M.Ed. program. Students earning more than two C's may be suspended from the program.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be transferred from other approved institutions to the Milligan M.Ed. degree program.

Admissions Committee

Admission to the program is determined by an Admissions Committee made up of the Director of Teacher Education and two faculty members.

Admission of Seniors to Graduate Study

An undergraduate student who needs less than a semester or summer term of credit to complete the requirements for the bachelor's degree may be admitted to some graduate classes. If this student appears to be able to achieve provisional or full standing in the graduate program at the conclusion of the semester, the student may enroll in up to six hours of graduate credit to fill out a semester or summer term schedule with the approval of the Academic Dean of the College and the Director of Teacher Education.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements

within a six-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the teacher education faculty upon the recommendation of the student's graduate advisory committee and the Director of Teacher Education.

Comprehensive Examination

During the final semester of the graduate program each candidate must pass a comprehensive examination conducted by the candidate's advisory committee. Examinations may be oral and/or written. Should the student fail to pass this examination, the student may apply for a re-examination. The faculty may require that additional courses be taken, and they have the option of giving an oral or a written examination to the student.

Grade Requirements for Graduation

Students must attain a 3.0 average for graduation.

Research Project

Students complete a research project which begins in the research class. The project features research related to the school setting of the internship assignment or to the school setting where a student is working as a full-time teacher. There are designated check points established for students to report on their research projects. These projects are presented in a seminar near the end of the student's graduate program.

National Teacher Examinations

Students who have not taken the National Teacher Examination Core Battery Tests and Specialty Area Examinations should complete at the end of their programs these examinations with Tennessee approved scores.

CURRICULUM

The three curricula which lead to the M.Ed. degree include the elementary program, the secondary program, and the program for licensed teachers. The elementary and secondary programs are designed for persons who need licensure to enter the teaching profession. These programs are built upon a strong liberal arts major and minor, including a full year internship and a research project. They require 45 hours of graduate credit.

The program designed for licensed teachers includes (1) a focus on current teacher strategies and curricular development and (2) a social-studies component designed to give the graduate student a greater understanding of the culture of the community, the function of the family, and the teacher's relationship to persons being inducted into the profession. This curriculum requires a research project and 36 hours of credit.

The three models described below may be completed in one year and two summers (fifteen months).

Core Courses (21 hours)

511. Study of Research Methodology	3 hours
512. Research Seminar	3 hours
523. Materials, Media, and Community Resources	3 hours
561. Seminar in Foundations	3 hours
562. School Organization and Law	3 hours
563. Advanced Educational Psychology	3 hours

Elementary Education Courses (24 hours)

520. Classroom Management and Instruction (elementary)	3 hours
530. Survey of Special Education	3 hours
541. Fine Arts Methods	3 hours
542. Health and Physical Education Methods	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Secondary Education Courses (24 hours)

522. Classroom Management and Instruction (secondary)	3 hours
524. Teaching Strategies	3 hours
527. Teaching of Reading in Content Areas	3 hours
530. Survey of Special Education	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Courses for Certified Teachers (15 hours)

520 or 522. Classroom Management and Instruction	3 hours
524. Teaching Strategies	3 hours
526. Mentorship	3 hours
531. Analyzing Community Culture	3 hours
532. Counseling of Children and Families	3 hours
Elective	3 hours

Graduate Course Load

The normal course load for full-time students in the M.Ed. program is nine to twelve hours per semester. In certain cases, the Academic Dean and the Director of Teacher Education may approve a fifteen hour load for exceptional students.

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| <p>511. Study of Research Methodology-- A study of problem-solving, research methods, and research design and an introduction to basic statistics used in experimental and descriptive research. The course includes preparation of an acceptable research prospectus for a research project and the review of principles of research interpretation. Three semester hours.</p> <p>512. Research Seminar--Completion of the research study begun in the research methodology course. Students discuss types of data, published research, and principles of research interpretation. Each student reports on his or her own research findings. Three semester hours.</p> | <p>520. Classroom Management and Instruction (Elementary)--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.</p> <p>521. Test Construction and Interpretation--A discussion of strategies for constructing teacher-made tests including true-false, matching, multiple-choice, and essay questions. Students learn how to read and interpret standardized test scores for student diagnosis. Three semester hours.</p> |
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522. **Classroom Management and Instruction (Secondary)**--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.
523. **Materials, Media, and Community Resources**--A study of audiovisuals available to the teacher, including video equipment, computers, and community resources. Three semester hours.
524. **Teaching Strategies in Specific Teaching Areas**--A study of the current curriculum and teaching strategies being used in a specific teaching area. Three semester hours.
525. **Structure of the Curriculum**--A study of current trends in curriculum development. Students learn how to define objectives, plan for improvement, and organize instructional materials. Three semester hours.
526. **Mentorship**--A study of the literature related to mentorship. Students are made aware of modern school practice requiring that teachers develop a mentor relationship with teachers in the induction phase of teaching including both the internship and the first year of teaching. Three semester hours.
527. **Teaching of Reading in Content Areas**--A discussion of secondary reading and study strategies as well as techniques for diagnosis and instruction in reading. Three semester hours.
528. **Teaching Reading**--Current diagnostic strategies and methods for teaching reading including word recognition, word analysis, and comprehension. Three semester hours.
529. **Teaching Mathematics**--A study of the presentation of calculation skills and applied mathematics problem solving appropriate to the elementary schools. Remediation strategies are included. Three semester hours.
530. **Survey of Special Education**--A study of issues and trends affecting special education including attention to characteristics of persons who are exceptional in some way. Three semester hours.
531. **Analyzing Community Culture**--A discussion of anthropological skills for studying a community. Some discussion of various subcultures in the United States is included. Three semester hours.
532. **Counseling of Children and Families**--A study of counseling principles important to teachers as they interact with children and their families. Three semester hours.
541. **Fine Arts Methods**--A study of art, music, and drama strategies and techniques useful to the elementary teacher. Three semester hours.
542. **Health and Physical Education Methods**--Reading and discussion of material related to fitness and health concerns. The course includes instruction related to physical activity and rhythmical activities. Three semester hours.
551. **Internship**--Full days of teaching and school-based professional growth. In addition to a specific teaching assignment the student may have observations of various school situations, including multicultural, handicapped, rural, and urban settings. Some experiences to develop psychological readiness for the profession are included. Six semester hours.
552. **Internship**--A continuation of the internship involving greater re-

sponsibility in the teaching assignment. Six semester hours.

561. Seminar in Foundations--Student involvement in presentations and discussion related to the historical, philosophical, and sociological background of education. The American theoretical approaches to education are emphasized. Three semester hours.

562. School Organization and Law--A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Specific laws related to schools in Tennessee and in the nation are discussed. Three semester hours.

563. Advanced Educational Psychology--A study of the application of psychological theories and research to classroom setting. Topics covered include student characteristics, mental health, personality, learning theories, group dynamics, motivation, and evaluation. Three semester hours.

590. Directed Study--Research related to a specific educational problem under the direct supervision of an instructor. One to six semester hours.

595. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 204 or 205 or 206, 208, 209, 211, 300, 301, 303, 311, 312, 403, 404, 406, and 411. Also required are Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 204 or 205 or 206, 208, 209, 300, 303, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

101. **Fitness for Life**--A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.
111. **Personal Health**--A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.
151. **Team Sports**--Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.
152. **Team Sports**--Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.
153. **Golf and Racquetball**--Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.
154. **Beginning Swimming**--A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.
155. **Beginning Badminton and Tennis**--A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.
156. **Intermediate Badminton and Tennis**--A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
158. **Snow Skiing**--Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
159. **Horseback Riding**--Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
161. **Archery and Racquetball**--Knowledge and skill development in target archery and racquetball. One semester hour.
199. **Special Activity**--Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
204. **Intermediate Swimming**--A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
205. **Lifeguarding**--A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
206. **Water Safety Instructor Course**--American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.

207. **Conditioning Exercises and Weight Training--**A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
208. **Folk Dance and Rhythmical Activities--**A study of rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
209. **Motor Learning--**A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on either the elementary or secondary education level. Two semester hours.
211. **Community Health--**A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.
300. **Teaching Secondary School Physical Education--**A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
301. **Teaching Individual and Dual Sports--**Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
302. **Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer--**A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
303. **Physical Education for Elementary Schools--**A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
311. **Safety Education and First Aid--**A course designed to include a wide range of safety programs. The first six weeks are devoted to first aid training including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course includes safety programs for school, community, vocations, and leisure time. One to three semester hours.
312. **Introduction and History and Philosophy of Physical Education--**An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education--**An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education--**A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education--**A study of programs and services for the atypical student at all grade levels. Two semester hours.

409. **Recreational Leadership and Outdoor Education**--A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**--A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**--A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Scientific Learning

Dr. Richard D. Lura, Chairman



BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those students interested in biology, but desiring to elect a minor that is not in the sciences. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 151; and four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by students who plan to pursue graduate study in biology, enter a medical field of study, or certify to teach secondary school biology.

Requirements for the Bachelor of Science degree leading to graduate study or pre-professional careers are thirty-two hours in biology which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, 303, 304, and 310; four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213; and Physics 203 and 204.

Requirements for the Bachelor of Science degree with secondary education certification are thirty-two hours in biology which must include Biology 110, 120, 140, 210, 250, 251, and two electives from Biology 360, 380, and 410; a minor in physical science which includes Chemistry 151, 170, 171; Physics 104 and 203; and four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major, the concentration consists of Biology 360 and twelve

hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 150, 151, 170, 171, and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215, 290, or 490 or a combined total of six hours in the three courses may be applied toward the requirements for a major in biology. Credit in 215, 290, or 490 may not be applied toward a minor in biology.

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| <p>110. General Biology--An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.</p> <p>120. Botany--An intensive survey of plants, algae, and fungi. Prerequisite: Biology 110. Four semester hours.</p> <p>140. Zoology--An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.</p> <p>210. Genetics--A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.</p> <p>215. Field Studies in Biology--An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. A student may not accumulate more than four hours credit in this course. This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.</p> | <p>240. Comparative Vertebrate Anatomy--A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140 or consent of the instructor. Four semester hours.</p> <p>250-251. Anatomy, Physiology, and Kinesiology--A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree which leads to the pre-professional or graduate major in biology. Prerequisite: Biology 110 or consent of the instructor. Four semester hours each semester.</p> <p>290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.</p> <p>340. Animal Physiology--A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mam-</p> |
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mals. Prerequisite: Chemistry 310. Four semester hours.

341. Animal Histology--A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Four semester hours.

342. Vertebrate Embryology--A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours.

350. Science for the Elementary School--An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.

360. Ecology--A study of the relation between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: one semester of biology. Four semester hours.

362. Vertebrate Field Biology--A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: one semester of biology. Four semester hours.

380. Microbiology and Immunology--A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and anti-

bodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: permission of the instructor. Four semester hours.

410. Biogeography--A study of the biological, geographical, climatological, and geological factors that affect the distribution of plants and animals. The course will attempt to explain how species came to be distributed as they are today and why the taxonomic composition of the biota varies from one region to another. Prerequisite: twelve hours of biology. Four semester hours.

440. Endocrinology--A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.

450. Research Seminar--A seminar designed to introduce students to principles and methods used in scientific research. A research paper and seminar are required. Prerequisites: major or minor in biology and enrollment in the student's final spring semester. One semester hour.

490. Research Problem--Research on special problems in biology under direct supervision of a faculty member. Prerequisite: twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to four semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The Chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The Chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 170, 171, 202, 203, 301, 302, 303, 304, 401, 402, and four hours of chemistry electives. Mathematics through Mathematics 303 and Physics 203 and 204 are also required.

The Chemistry minor consists of twenty hours including Chemistry 170, 171, 301, 302, 303, 304, and either 202 or 310.

The Physical Science minor consists of twenty hours of science, including Chemistry 151, 170, 171 and Physics 104 and 203.

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| <p>150. Inorganic Chemistry for Non-Majors--A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.</p> <p>151. Organic and Physiological Chemistry--A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.</p> <p>170-171. General Chemistry--A study of the principles of general chemistry including Qualitative Analysis. Prerequisite: algebra, high school chemistry or Chemistry 150, or consent of the instructor. Three hours lecture, one hour of recitation, and one three-hour laboratory per week. Four semester hours each semester.</p> <p>202. Quantitative Analysis--A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.</p> | <p>203. Instrumental Analysis--An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Three hours lecture and one three-hour laboratory per week. Four semester hours.</p> <p>290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.</p> <p>301. Organic Chemistry--A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 171. Three semester hours.</p> <p>302. Organic Chemistry--A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three semester hours.</p> |
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- 303. Organic Chemistry Laboratory--** An introductory organic laboratory course to teach basic skills dealing with simple syntheses, separations, purification, and identification of organic compounds. Prerequisite: Chemistry 301. One semester hour.
- 304. Organic Chemistry Laboratory II--** Application of advanced reactions, multi-step syntheses, and instrumental techniques. Prerequisite: Chemistry 302. One semester hour.
- 310. Biochemistry--** A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
- 311. Organic Qualitative Analysis--** A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. Physical Chemistry--** The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 171, 202, and Physics 203-204. Four semester hours each semester.
- 405. Inorganic Chemistry--** A systematic study of the elements including atomic structure, bonding, molecular structure, and the periodic table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
- 490. Research Problem--** Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.
- 495. Seminar--** A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. It is designed for students interested in careers in mathematics, teaching, engineering, and computer science.

For a Bachelor of Arts in mathematics, the major consists of thirty semester hours, which must include Mathematics 211, 212, 303, and eighteen additional hours of math courses numbered above 200. Especially recommended are Mathematics 307, 309, and 314.

For a Bachelor of Science in mathematics, the major consists of thirty-six semester hours, which must include Mathematics 211, 212, 303, and twenty-four additional hours of math courses numbered above 200. Especially recommended are Mathematics 301, 307, 309, 314, 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics requires twenty-four semester hours which must include Mathematics 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Mathematics 111, 112, 211, 213, and 304 and Computer Science 104.

090. Developmental Mathematics--

An individualized course with emphasis on application of basic operations with whole numbers, fractions, decimals and percents, ratio and proportion, statistics, and measures. Not applicable toward the 128 hours required for a degree. One semester hour.

- 103. Fundamental Concepts--**A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Four semester hours.

- 104. Fundamental Concepts--**An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Four semester hours.

- 107. Principles of Mathematics--**An introduction to a variety of math-

ematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.

- 111. College Algebra I--**A study of algebraic methods; the natural numbers, the integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; and function theory including domain, range, composition, inverses, and graphing techniques. Three semester hours.

- 112. College Algebra II and Trigonometry--**A continuation of Math 111 including the study of exponential and logarithmic functions, vectors, and complex numbers. Also included are an in-depth presentation of trigonometric functions: their values, graphs, inverses, and identities; with application to triangles, circles, and some mechanics. Prerequisite: Math 111 or equivalent. Three semester hours.

- 211. Calculus I--**A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 112. Four semester hours.

212. **Calculus II**--A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 211. Four semester hours.
213. **Statistics (Business Administration/Social Studies)**--A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **An Introduction to Mathematical Logic**--A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular emphasis on the reading and writing of proofs. Prerequisite: Math 212 or consent of instructor. Three semester hours.
303. **Multivariable Calculus**--A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
304. **Modern Geometry**--A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Three semester hours.
307. **Linear Algebra**--A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Prerequisite: Math 212. Three semester hours.
308. **Modern Algebra**--A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 301. Three semester hours.
309. **Differential Equations**--A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303 and 307. Three semester hours.
310. **Topology**--A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Prerequisite: Math 301. Three semester hours.
314. **Probability and Statistics I**--A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 303. Three semester hours.
315. **Probability and Statistics II**--A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.
351. **Mathematical Modeling**--A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes

- to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 307 and 309. Three semester hours.
- 408. Numerical Analysis--**A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 307, 309, and a computer language. Three semester hours.
- 411. Introduction to Real Analysis--**A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergence of sequences of functions, Lebesgue measure and integration, Riemann-Stieltjes integration, and general measures. Prerequisite: Math 310. Three semester hours.
- 490. Independent Study--**Individual work in mathematics under the direct supervision of an instructor. Prerequisite: twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

NURSING

The Bachelor of Science in Nursing program equips the student with both the liberal arts tradition of Milligan College and the clinical training necessary to sit for the state boards examination of a registered nurse.

The freshman and sophomore years are taken on the Milligan College campus and consist of most of the general education requirements and the prenursing technical courses. The junior and senior years mainly involve the clinical rotations at the sponsoring hospitals.

PHYSICS

- 104. Earth and Space Science--**A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.
- 203-204. General Physics/Calculus--**A study of the fundamental principles of mechanics and thermodynamics in the first semester and electricity and magnetism, wave motions, sound, light, and modern physics in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.
- 290. Independent Study--**Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

Area of Social Learning

Dr. Robert B. Hall, Chairman



The Social Learning program of Milligan College is designed to provide students a broad and appreciative understanding of people in their social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop students' comprehension of contemporary problems and to motivate them to seek solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in elementary education. In addition to the social studies required of all students and those included in the elementary education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in special education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

- 201-202. Principles of Economics--**A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.
- 290. Independent Study--**Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. Corporate Finance--**A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.
- 304. Government and Business--**See Political Science 304.
- 360. The U.S. Economy--**A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
- 403. Money and Banking--**A study of the monetary system and theory

along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Three semester hours.

- 451. Comparative Economic Systems--**A comparative and analytical study of capitalism, socialism, and communism as they have devel-

oped in the countries whose economies they characterize. Prerequisite: Economics 201-202. Three semester hours.

- 495. Seminar--**A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

GEOGRAPHY

- 201. Introduction to Geography--**An introduction to elements from physical, human, population, cultural, political, behavioral, economic, resource, and urban geography. Also considered are map shells and concepts of regional geography. Three semester hours.

- 202. World Regional Geography--**An overview of the cultural regions of the world including both the developed and underdeveloped areas. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes and retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the area of business with fewer courses in the social sciences. Those completing the major must demonstrate computer competency. Students in this major must have a minimum grade point average of 2.5 by the beginning of their junior year to remain in the program. A field work internship with a health care facility is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing without re-examination in other states.

There is no minor in Health Care Administration, and no minor is required for majors in this program.

Option 1--Emphasis on Psychology and Sociology

Soc.	201	Introduction to Sociology	3
	303	Family	3
	321	Sociology of Death and Dying	3
	413	Seminar in Aging and Retirement	3
	426	Sociology of Small Groups	3
Psy.	491	Field Work	6
	250	General Psychology	3
	252	Developmental Psychology	3
	353	Personality Theory	3
	357	Counseling	3
	358	Abnormal Psychology	3
			<u>36 semester hours</u>

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
B.Adm.	361	Principles of Management	3
One of the following courses must be completed.			
B.Adm.	315	Marketing	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
			<u>18 semester hours</u>

Option 2--Emphasis on Business Administration

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
Econ.	301	Corporate Finance	3
B.Adm.	315	Marketing	3
	361	Principles of Management	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
	491	Field Work	6
			<u>36 semester hours</u>

Soc.	201	Introduction to Sociology	3
	321	Sociology of Death and Dying	3
	413	Seminar in Aging and Retirement	3
Psy.	250	General Psychology	3
	252	Developmental Psychology	3
	357	Counseling	3
			<u>18 semester hours</u>

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, six of which will normally be included in the two year Humanities sequence. A History major must include History 301, 309-310, three hours of United States history beyond 309-310, and at least one course in each of the following historical periods: the Ancient World (324, 341), Europe before 1648 (341, 306, 331, 361, 406), and Europe after 1648 (333, 335, 342, 357, 358, 361, 362, 406, 421, 431, 432). History majors will advance towards the Bachelor of Arts degree; this requires a foreign language with intermediate level competency. Bible majors may not use 341-342 or 431-432 to fulfill the history minor requirements.

The minor in history consists of eighteen hours, six of which are included in the two year Humanities sequence. History 301 and 309-310 are required.

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| <p>271. History of Christian Missions-- See Christian Ministries 271.</p> <p>290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.</p> <p>301. History and Historians--A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Prerequisite: Junior or senior standing, twelve hours of history, and consent of instructor. One semester hour.</p> <p>306. Medieval History--A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.</p> | <p>309-310. American History--A study of history of the United States from the Colonial Period to World War II. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Three semester hours each semester.</p> <p>324. History of Rome--A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.</p> <p>331. History of England--A study of the political, social, economic, and cultural developments in English history from early Roman Britain to the modern world. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.</p> <p>333. History of Germany--A study of the history of Germany from the later Roman Empire to the Twentieth Century. Selected topics will include the early German peoples, rise of the German duchies, the</p> |
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Holy Roman Empire, Germany during the Reformation, the rise of Prussia, the unification of Germany, and the two World Wars. Three semester hours.

335. History of France--A study of the political, social, economic, and cultural developments in French history from Roman Gaul to the modern era. Three semester hours.

341-342. Church History--A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102 and 201-202 or six hours of history and consent of instructor. Three semester hours each semester.

352. Reformation of the Sixteenth Century--A study of the various religious reformations (Protestant, Radical, and Catholic) of the 16th century. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.

357. Early Modern Europe 1618-1815--A study of the history of Europe from the Thirty Years' War to the Congress of Vienna. Selected topics will include the Old Regimes, war and diplomacy, the rise of absolutism and constitutionalism, the Scientific Revolution, the Enlightenment, the French Revolution, and the age of Napoleon. Three semester hours.

358. Europe 1815-Present--A study of European history from the Congress of Vienna to the modern period. Selected topics will include modernization and the Industrial Revolution, Liberalism and Conservatism, European nationalism, the world at war, and the postwar era. Three semester hours.

361-362. History of Russia--A study of the political, social, economic, and cultural developments in Russia from the establishment of the Kievan state to the reign of Nicholas I (1825-1855). Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours each semester.

376. Jefferson to Jackson--A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

377. The Middle Period: 1840-1880--A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

379. The Gilded Age: 1877-1920--An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the import of that industrialization on American culture and on the American political system. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

380. America in the Twentieth Century--A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

406. History of Islam--A study of the political, religious, social, and cultural institutions of the Islamic

world from the birth of Muhammad to the modern period. Three semester hours.

- 421. The Scientific Tradition to 1750--** A study of the origins of modern science. Selected topics include Greek and Roman science in antiquity, Arab achievements in science, medieval alchemy and natural magic, Renaissance science, and the Scientific Revolution. Three semester hours.

- 431-432. Reformation of the Nineteenth Century--** A study of the religious movement to restore New Testament Christianity as a basis for Christian union. Prerequisite: Humanities 101, 102, and 201, or consent of instructor. Not applicable toward a history major or minor. Two semester hours each semester.

- 445. Historical Research--** A study of the theory and an exercise in the practice of original historical research. Prereq-

uisite: A grade point average of 3.0. Three semester hours.

- 480. Seminar on Vietnam--** A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.

- 489. Directed Readings--** A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

- 490. Directed Studies--** A program of readings and conferences which provides for individualized study. One to three semester hours.

- 495. Seminar--** A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMAN RELATIONS

The major in human relations is interdisciplinary and designed for those seeking vocational opportunities with various types of social agencies. The Youth Leadership emphasis is recommended for those who wish to work with children and young adults.

The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must also demonstrate computer competency.

Computer competency may be acquired through high school experience or the completion of one of the following Computer Science courses: 100, 275, or 280. Proof of competency by other than the completion of college courses may require a test.

REQUIRED CORE COURSES (15 hours)

Psychology 250
Psychology 252
Sociology 311 or 312

Sociology 201
Sociology 303

EMPHASIS

Social Agencies
Sociology 321
Sociology 380
Sociology 403
Sociology 451
Sociology 491

Youth Leadership
Sociology 203
Sociology 314
Psychology 357
Health & P.E. 409
Health & P.E. 491

Electives to be chosen
in consultation with
adviser.

Electives
Chr. Ministries 261, 318, 321,
Psychology 358
Sociology 360, 403, 426
Sociology 461, 380
Health & P.E. 208, 311

The minor in human relations consists of Sociology 201, 303, 311; Psychology 250, 252; and three hours of electives.

POLITICAL SCIENCE

202. State and Local Government--

203. American National Government--A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.

290. Independent Study--Individualized study to enable the student either to study material in a field not now in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

304. Government and Business--A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls.

Both the economic and political effects of such regulations are considered. Three semester hours.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

491. Field Work--A practicum experience that involves the student in a supervised position in government for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 203. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and as a social science. The major and minor are designed to ensure that each student receives a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

The required courses in the psychology major are Psychology 250, 259, 350, 353, 401, and Mathematics 213. Electives should be chosen in consultation with the psychology adviser. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours in the major. Those completing the major must demonstrate computer competency.

The minor in psychology requires Psychology 250, 252, and 350 plus nine additional semester hours.

100. **Introduction to College and Careers**--A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources such as time and money, and a growing awareness of self. **Required of all freshmen during the first semester of attendance.** One semester hour.
250. **General Psychology**--An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.
252. **Developmental Psychology**--A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.
259. **Experimental Psychology**--A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
350. **Social Psychology**--A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**--A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. Prerequisite: Psychology 250. Three semester hours.

- 357. Introduction to the Theory and Practice of Counseling**--An introduction to counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Prerequisite: Psychology 250. Three semester hours.
- 358. Abnormal Psychology**--A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
- 361. Innovative Methods of Psychotherapy**--An introduction to the expressive therapies as adjunctive methods of nonverbal communication used in combination with traditional verbal therapy. Dynamics of individual and group interaction are explored through assorted readings and experiential activities. The course explores creativity and expression of traumatic life events and loss and grief experiences. No artistic training required. Three semester hours.
- 401. Systems and Theories**--An overview of the major systems and theories of contemporary psychology with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.
- 404. Educational Psychology**--A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
- 427. Perception and Physiological Psychology**--A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
- 450. Psychology of Religion**--A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.
- 454. Introduction to Psychological Testing**--A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
- 480. Seminar on Vietnam**--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.

- 491. Field Work in Psychology**--Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY

The sociology curriculum emphasizes the principles and application of sociological knowledge. The major and minor are designed to ensure that each student receives a broad background in sociology. This major is also for those wishing to continue studies in graduate school.

The required courses in the sociology major are Psychology 350 and Sociology 201, 210, 303, 311 or 312, 314, 401, 403, 426, and 451. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must demonstrate computer competency.

The minor in sociology requires Sociology 201, 210, 303, 451; Psychology 250; and three elective hours.

- 201. Introduction to Sociology**--A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 203. Introduction to Youth Leadership**--A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.
- 210. Introduction to Cultural Anthropology**--A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 303. Family**--A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**--A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**--An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice including field contacts with juvenile counselors and the Johnson City Juvenile

Court. Three semester hours.

314. **Race and Ethnic Relations--**A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
321. **Sociology of Death and Dying--**An exploration of the current literature on death and dying. The approach is cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
350. **Social Psychology--**See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication--**A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries: their basis and origin, their consequences, and the approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
380. **Principles of Social Work--**An introduction to the profession of social work and an overview of the professional knowledge, skills, and values necessary for generalist social work practice. The student is introduced to the historical evolution of social work, the history of social welfare, the various fields of social work practice, and general systems theory. Three semester hours.
381. **Social Welfare Policies and Services--**A study of social welfare policy, its theoretical orientations and philosophical underpinnings, as well as private and public social programs and issues which comprise the United States welfare system. Attention will be given to those social policies/programs which have a major impact on generalist social work practice. Three semester hours.
401. **Sociological Research--**An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology--**A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement--**A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisites: Sociology 201 and 303. Three semester hours.
421. **Sociology of Religion--**A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups--**A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory--**A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention is given to the contemporary developments in sociological theory. Prerequisite: consent of the instructor. Three semester hours.
461. **Dynamics of Culture Change--**A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.

480. **Sociological Contexts of Prison Ministry**--A study of the criminal justice system and those who are participants in it: professional staff, inmates, and the volunteer community. This course is designed to establish the philosophical base and practical knowledge necessary to support an institutional chaplaincy program. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work in Sociology**--Supervised field work in various institutions and agencies including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees

Charles Allcott, III, Banker, New Port

Ritchey, FL

Charles E. Allen, Physician, Johnson City,
TN (rotated off 1992)

John Banks, Attorney, Elizabethton, TN

Russell F. Blowers, Minister, Indianapolis, IN

H. Joseph Bourn, Investment Counselor,
Chicago, IL

William R. Clem, Businessman, Lexington, KY

D.E. Detraz, Businessman, Tarpon Springs, FL

W. Edward Fine, Minister, St. Petersburg, FL

Harry Fontaine, Jr., Businessman, Johnson
City, TN

Dennis Fulk, Businessman, Carmel, IN

Omer Hamlin, Librarian, U.K. Medical
Center, Lexington, KY

Marshall W. Hayden, Minister,
Worthington, OH

Donald R. Jeanes, Minister, Johnson City, TN

Sue Kettelson, Churchwoman,
Simpsonville, SC

Steve Lacy, Businessman, Johnson City, TN

John Love, Realtor, Johnson City, TN

Donald Marshall, Minister, Elizabethton,
TN (rotated off 1992)

Kent E. McQuiston, C.P.A., Indianapolis, IN

Kenneth A. Meade, Minister, Rockville, MD

William Nice, Physician, Bloomington, IN

Lowell W. Paxson, Executive, Clearwater, FL

Cameron Perry, Bank Executive, Johnson
City, TN

M.W. Pully, Retired Business Executive,
Bristol, TN

W.V. Ramsey, Businessman, Mountain
City, TN

James R. Rice, Psychiatrist, Irmo, SC

Henry Richardson, Businessman, Havre de
Grace, MD (rotated off 1992)

J. David Rose, Retired Insurance Executive,
Johnson City, TN

J. Donald Sams, Administrator, Mt. Healthy
Christian Home, Cincinnati, OH (rotated
off 1992)

Ralph Small, Retired Publisher, Cincinnati,
OH (rotated off 1992)

Deborah Smith, C.P.A., Indianapolis, IN

Dan Stuecher, Minister, Safety Harbor, FL

J. Marvin Swiney, President, Mountain
Mission School, Grundy, VA

Mark H. Webb, Dentist, Bristol, TN

John J. Wiggins, Insurance Executive,
Plainfield, IN

Eugene H. Wigginton, Publisher, Standard
Publishing Company, Cincinnati, OH

Calvin L. Wilson, Jr., Businessman,
Johnson City, TN

Lidy Wyatt, Hamilton Bank Executive,
Johnson City, TN

Harold Zimmerman, Retired Business
Executive, Indianapolis, IN

Trustees Emeriti

Robert E. Banks, Retired Attorney,
Elizabethton, TN
Theodore Cord, Minister, Sioux City, IA
Jack Covington, Contractor, Winston-
Salem, NC
Jordan Crouch, Banker, Reno, NV
Horace W. Dabney, Businessman, Louis-
ville, KY
Harry Guion, Retired Insurance Executive,
Indianapolis, IN

The Advisers

Jacqueline Acker, Educator, Akron, OH
Steve Adkins, Businessman, Ocala, FL
Gregg Allen, Associate Minister, Louis-
ville, KY
Michael Alread, Minister, Houston, TX
William B. Anderson, Minister, Erwin, TN
Brett J. Andrews, Minister, Springfield, VA
Harold E. Armstrong, Minister, Columbus, IN
Dewey R. Barker, Area Manager,
Bethlehem Steel, Bel Air, MD
Philip Blowers, Attorney, Indianapolis, IN
David Boggs, Businessman, Davidsonville, MD
Darla Bowes, Churchwoman, Lock Haven, PA
Michael Bradford, Assistant Administrator,
Appalachian Christian Village, Johnson
City, TN
Dennis A. Bratton, Minister, Jacksonville, FL
Randy Brockley, Banker, Houston, TX
Clyde Broyles, Jr., Businessman,
Elizabethton, TN
Reno G. Burleson, Contractor, Johnson
City, TN
L.D. Campbell, Minister, Florence, KY
Bruce Carpenter, Minister, Lexington, KY
Samuel H. Clark, Jr., Retired, Bristol, TN
Michael Corey, Elevator Constructor,
McCordsville, IN
Alvin Covell, Minister, Frankfort, IN
E. Richard Crabtree, Minister, Colorado
Springs, CO
Donald Crum, Business Executive,
Edgewood, KY
Gary A. Deater, Hospital Administrator,
Lebanon, IN
Sherry Detraz, Educator, Dunedin, FL
Harold J. DeVault, Businessman, Knox-
ville, TN
Bertie Dougherty, Educator, Asheville, NC
Robert M. Elliott, Retired Assistant
Superintendent of Schools, Kingsport, TN
William English, Executive, Kentucky
Utilities, Lexington, KY

C. Howard McCorkle, Retired Educator,
Johnson City, TN
Jack R. Musick, Retired Circuit Court
Judge, Elizabethton, TN
John U. Phelps, Minister, Kingston, TN
George O. Walker, Retired Insurance
Executive, LaVerne, CA
Frank L. Wiegand, Attorney, Pittsburgh, PA

James L. Evans, Executive Director, European
Evangelistic Society, Atlanta, GA
William F. Faddock, Physician,
Fayetteville, GA
Billey Joyce Fine, Educator, St. Petersburg, FL
Margaret Fugate, Attorney, Johnson City, TN
Ron Fylstra, Executive, Lexington, KY
Jack Gardner, Banker, Erwin, TN
Jack Gilbert, Executive, Indianapolis, IN
William F. Hall, Minister, Greenville, IN
Steve Haxton, C.P.A., Westerville, OH
Wayne Hay, Parole Officer, State of
Kentucky, Louisville, KY
Henry E. Hill, Retired Minister, Johnson
City, TN
Mignon M. Holben, Churchwoman,
Johnson City, TN
Robert L. Huckstep, Businessman,
Charlottesville, VA
David C. Hughston, Insurance Executive,
Brownsville, TX
E. Glenn Isaacs, Business Executive,
Elizabethton, TN
Robert Kroh, Minister, Bellevue, WA
James Landrum, Minister, Bloomington, IN
Karl M. Marshall, Minister, Paris, IL
Robert W. McGuire, Youth Services, East
Point, GA
Tim McIntosh, Minister, Elkhorn City, KY
Boyd McKey, Elder, First Christian
Church, Chicago, IL
John Meredith, Associate Minister, Fort
Myers, FL
Mark Miller, Businessman, Columbus, OH
William O. Norris, Retired Minister,
Johnson City, TN
Ed B. Notestine, Educator, East Point, GA
Paul F. Nourse, Minister, Evansville, IN
Robert W. Paswater, Minister, Indianapolis,
IN
Gary D. Porter, Administrator, Children's
Home, Wooster, OH

Walter Puckett, Minister, Crown Point, IN
David Pugh, Educator, Indianapolis, IN
William Rollins, Grocer, Bristol, TN
John Russell, Minister, Ft. Mitchell, KY
John C. Samples, Executive, Standard
Publishing Company, Cincinnati, OH
James D. Saunders, Minister, Louisville, KY
Ronald F. Sewell, Executive, I.B.M.
Corporation, Rockville, MD
Ralph Sims, Minister, Johnson City, TN
Joe D. Slone, Systems Engineer, I.B.M.
Corporation, Roanoke, VA
Ronald S. Spotts, Businessman, Beech
Creek, PA
Jeanne Starkey, Churchwoman, Indianapo-
lis, IN
Loren Stuckenbruck, Doctoral Student,
Princeton, NJ

Joseph E. Sutherland, Family Counselor,
Mason, OH
John Wakefield, Minister, Cincinnati, OH
Robert A. Walther, Administrator, Canton
Christian Home, Canton, OH
John E. Wasem, Minister, Munster, IN
David Wead, Minister, Nashville, TN
Dorlin E. Wheeler, Captain USAF, Rancho
Cordova, CA
Jerry Williams, Minister, Indianapolis, IN
Robert L. Williams, Educator, Jersey Shore,
PA
Keith Wise, Minister, Ironton, OH
Ted H. Wood, Business Executive,
Lombard, IL
Bill Yeary, Executive, Lexington, KY
Ron Zimmerman, Indianapolis, IN

FACULTY AND ADMINISTRATION

MARSHALL J. LEGGETT, President (1982)

A.B., Milligan College; M.Div., Christian Theological Seminary; M.A.,
Butler University; D.D., Milligan College; D.S.L., Kentucky Christian
College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball
State University.

President's Cabinet

GARY E. WEEDMAN, Vice President for Academic Affairs and Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D.,
Indiana University; Lincoln Christian Seminary; The University of Tennes-
see.

JOHN DERRY, Vice President for Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed.,
Western Illinois University; East Tennessee State University.

HOWARD F. NOURSE, Vice President for Institutional Advancement (1988)

B.S., Ohio State University; M.A., St. Francis College; Ph.D., Ohio State
University.

JOE G. WHITAKER, Vice President for Business and Finance (1989)

B.S., Eastern Kentucky University; Milligan College; Certified Public
Accountant.

Administration

- WILLIAM R. ADAMS**, Director of Public Relations (1989)
B.F.A., Ohio University; College of Mount St. Joseph.
- JILL M. ALLEN**, Director of Annual Fund Activities (1989)
B.S., East Stroudsburg University.
- ROBERT E. ALLEN**, Director of Church Relations (1986)
B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.
- LEONARD BEATTIE**, Physical Plant Director (1986)
- NANCY M. BEVERLY**, Director of Financial Aid (1991)
A.S. in BAdm., Beckley College; B.S., East Tennessee State University;
Southern Association of Student Financial Aid Administrators Certificate of Achievement.
- ANDY BRATTON**, Director of Campus Life (1991)
B.S., Milligan College.
- WAYNE EMERY**, Director of Alumni Relations (1991)
B.A., Milligan College; M.Div., Emmanuel School of Religion; D.Min., Vanderbilt University.
- PAULA C. GENTRY**, Director of Adult Education Programs (1991)
B.A., College of St. Francis; M.Ed., University of Illinois, Champaign/Urbana.
- MICHAEL JOHNSON**, Director of Admissions (1986)
B.S., Milligan College.
- LINDA H. LAWSON**, Director of Personnel, Work Study Coordinator, and Mailroom Supervisor (1990)
B.A., Milligan College.
- CORT MILLS**, Assistant Director of Adult Education Programs (1990)
B.A., Milligan College.
- STEVEN L. PRESTON**, Director of Learning Resources (1981)
A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.
- SUE H. SKIDMORE**, Registrar and Director of Institutional Research (1980)
B.A., Milligan College; East Tennessee State University.
- KATHY SMITH**, Associate Director of Alumni Relations (1984)
B.S., Auburn University; Milligan College.
- MIKE SMITH**, Director of Computer Services (1981)
B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

- PATRICIA JANE BONNER**, Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.
- PAUL A. CLARK**, Chairman, Area of Professional Learning, Professor of Education, and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

- TERRY J. DIBBLE, Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- GEORGE A. FINCHUM, Professor of Education and Geography (1987)
B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University.
- CHARLES W. GEE, Chairman, Area of Scientific Learning and Professor of Biology and Education (1967)
B.S., University of Wisconsin; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.
- WILLIAM C. GWALTNEY, JR., Chairman, Area of Biblical Learning and Joel O. and Mabel Stephens Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.
- ROBERT B. HALL, Chairman, Area of Social Learning and Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.
- SUSAN GAYLE HIGGINS, Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JACK L. KNOWLES, Professor of English (1970)
B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.
- RICHARD D. LURA, Professor of Chemistry (1971)
B.S., University of Wisconsin; Ph.D., Iowa State University; Medical College of Virginia.
- EUGENE NIX, Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- RICHARD PHILLIPS, Chairman, Area of Humane Learning, and Professor of Bible (1967)
B.A., Th.M., Lincoln Christian College; M.Div., Christian Theological Seminary; M.A., Butler University; Ph.D., Vanderbilt University; J.D., The University of Tennessee.
- EUGENE P. PRICE, Chairman, Area of Professional Learning and Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- DAVID C. RUNNER, Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.
- RALPH SPEER, Professor of Communications (1991)
B.A., M.A., D.A., Drake University; Grand View College; Iowa State University; Lincoln Christian Seminary.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.
- GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.

Associate Professors

- BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.
- THOMAS V. BARKES, Associate Professor of Computer Science (1985)
B.S., Milligan College; M.T.S., College of William & Mary; M.S.C.S.E., University of Evansville; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.
- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TIM DILLON, Associate Professor of History (1982)
B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison; Emmanuel School of Religion.
- W. DENNIS HELSABECK, JR., Associate Professor of Church History (1982-1984, 1989)
B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion; Luther Northwestern Theological Seminary.
- JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A., University of Illinois; Milligan College.
- JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.
- PATRICIA P. MAGNESS, Associate Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University; Georgia State University; Emory University.
- RICHARD MAJOR, Associate Professor of Theatre (1985)
B.A., Milligan College; M.F.A., Michigan State University; Ohio University.
- NORMA J. MORRISON, Associate Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T., Ed.D., East Tennessee State University; Milligan College; University of Oregon.
- CAROLYN NIPPER, Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of Kentucky.
- R. DAVID ROBERTS, Kenneth E. Starkey Chair of Bible and Christian Ministries and Associate Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.
- CAROL A. ROOSE, Associate Professor of Education (1989)
B.S., M.A., Ph.D., Kent State University; Case Western Reserve University.
- DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S., Princeton Theological Seminary; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.

JAMES L. STREET, Associate Professor of Psychology (1982)
B.A., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Associate Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky; M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN E. WALSH, Associate Professor of Office Administration and Computer Science (1984)
B.S., M.A., East Tennessee State University; M.S.C.S.E., University of Evansville.

CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; B.S., East Tennessee State University; M.A., University of Kentucky; University of Strasbourg.

Assistant Professors

W. THOMAS BECKNER, Assistant Professor of Communications (1989)
B.A., Milligan College; M.A., Kent State University; M.S., Georgia State University; Ohio University; Emory University.

NICHOLAS D. BLOSSER, Assistant Professor of Art and Humanities (1991)
B.F.A. and M.F.A., The Ohio State University.

ANGILEEN P. GILBERT, Assistant Professor of Education (1991)
B.A. and M.A., The Ohio State University.

MARVIN GLOVER, JR., Assistant Professor of Mathematics (1990)
B.S., Athens State College; M.S., Vanderbilt University.

MACCAMAS M. IKPAH, Assistant Professor of Communication (1990)
B.A., Eastern Washington University; M.Ed., Gonzaga University; Ed.D., Oklahoma State University.

ANN ILES, Assistant Professor of Humanities and English (1982)
B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education (1985)
B.S., Milligan College; M.S., Ball State University; Purdue University; Arizona State University; East Tennessee State University.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.

ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)
B.B.A., Grand Valley State College; M.Acc., University of Georgia, Certified Public Accountant.

JOHN H. MATHEWS, Assistant Professor of Humanities and History (1990)
B.A., Milligan College; M.A., Southern Illinois University; University of Chicago; Southern Baptist Theological Seminary.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration (1986)
B.S., University of Kansas; M.B.A., East Tennessee State University; Babson College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library and Reference Librarian (1980)

B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

DENNIS L. WILLIAMS, Assistant Professor of Music (1987)

B.M.E., Indiana University School of Music; M.C.M., D.M.A., Southern Baptist Seminary School of Music; Westminster Choir College; University of Michigan; University of Louisville.

New Faculty

The following will be joining the faculty for the 1992-93 year:

DIANE E. JUNKER, Associate Professor of Chemistry

B.S., Milligan College; Ph.D., University of Pittsburgh.

PHILIP D. KENNESON, Assistant Professor of Theology and Philosophy

B.A., Butler University; M.Div., Emmanuel School of Religion; Ph.D., Duke University.

Support Personnel

SHELLEY ALLEN, Admissions Counselor

KAREN BERRY, Admissions Counselor

DEBORAH HILL, Office Manager for Adult Education Programs

JENNY HOWARD, Admissions Office Manager

JEFF JOHNSON, Bookstore Manager

JEAN F. LEGGETT, Administrative Assistant to the President

V. JUNE LEONARD, Library Technical Services Manager

RUTH LOVING, Administrative Assistant to the Vice President for Academic Affairs and Dean

OPAL B. LYONS, Acting Director of Health Services

CORT MILLS, Assistant Director of Adult Education Programs

JEAN MULLINS, Student Union Manager

STEVE VECRUMBA, Admissions Counselor

Athletic Coaches

Athletic Director - Duard Walker

Baseball - Douglas Jennett

Basketball (Men's) - Tony Wallingford

Basketball (Women's) - Danny Burnette

Golf - Tony Wallingford

Soccer - Juan Chiu

Softball - Wes Holly

Tennis (Men's) - Duard Walker

Tennis (Women's) - Jack Knowles

Volleyball - Linda King

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate
Professor Emeritus of Health and
Physical Education (1958)

ANNA MAY CROWDER, Assistant
Professor Emeritus of English
(1965)

ROBERT O. FIFE, Professor-at-Large
(1954)

PHYLLIS DAMPIER FONTAINE,
Registrar Emeritus (1963)

HOWARD A. HAYES, Professor
Emeritus of Bible (1967)

W. DENNIS HELSABECK, Professor
Emeritus of Counseling (1963)

JUANITA JONES, Associate Professor
Emeritus of English (1968)

VIRGINIA LAWS, Assistant Professor
Emeritus of Secretarial Science
(1974)

JOHN W. NETH, Director Emeritus of
the P.H. Welshimer Library (1953-
59, 1962)

EUEL J. OWNBY, Associate Professor
Emeritus of Education (1961)

JAMES L. SHIELDS, Professor
Emeritus of Education (1959)

LONE L. SISK, Professor Emeritus of
Chemistry (1948)

EARL STUCKENBRUCK, Associate
Professor Emeritus of Bible (1951-
52, 1968)

HENRY E. WEBB, Dean E. Walker
Professor Emeritus of Church
History (1950)

C. ROBERT WETZEL, Professor-at-
Large (1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund

The McWane Foundation Fund

The Waddy Trust Fund

The Adam B. Crouch Memorial Fund

The Hopwood Memorial Fund

The Elizabethton Endowment Fund

The Derthick Memorial Fund

The Kelton Todd Miller Memorial
Fund

The Horace E. and Mary Surepta
Burnham Memorial Fund

The Anglin Fund

The Aylette Rains Van Hook Memorial
Fund

The McCormick Fund

The Philip Scharfstein Scholarship
Fund

The Webb D. Sutton Trust Fund

The Edith B. Cottrell Memorial Fund

The Milligan College Memorial Fund

The Barbara Main Memorial Fund

The Wiley Wilson Memorial Fund

The B.D. Phillips Fund

The George Iverson Baker Memorial Fund

Named Funds (Continued)

- | | |
|--|--|
| The Sam Jack and Mary Ellen Hyder Memorial Fund | The Abe Ellis Memorial Fund |
| The Ada Bennett Memorial Fund | The John E. McMahan Memorial Fund |
| The Asa F. and Marguerite Cochrane Memorial Fund | The Mrs. Irene Scoville "Mom" Nice Memorial Fund |
| The Stewart-Roberts Fund | The Milton Edwards Memorial Fund |
| The Arthur H. and Marguerite Miller Memorial Fund | The Clarence and Violet Helen Overman Memorial Fund |
| The Dorothy S. Wilson Memorial Fund | The Samuel Compton Memorial Fund |
| The Guy and Rhea Oakes Memorial Fund | The Oliver C. Davis Memorial Fund |
| The Clarence A. and Evangeline K. Lucas Memorial Fund | The Harold W. Scott Memorial Fund |
| The Joseph R. Crandall Memorial Fund | The Donald G. Sahli Memorial Fund |
| The Myrtle C. King Memorial Fund | The 1983 Class Fund |
| The Lone L. Sisk Endowment Fund | The Willard and Lucille Millsaps Memorial Fund |
| The Mr. and Mrs. Fred Proffitt Memorial Fund | The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund |
| The Dr. Charles E. and Florence A. Burns Memorial Fund | The James W. Pruitt Memorial Fund |
| The Dr. H.O. Bolling Memorial Fund | The Dr. Joseph H. Dampier Memorial Fund |
| The Ira and Irene Atkinson Memorial Fund | The W. Chamberlain Hale Memorial Fund |
| The John C. Paty, Sr. Memorial Fund | The 1982 Class Fund |
| The Clyde Ratliff Memorial Fund | The 1984 Class Fund |
| The W. Sylvester Hughes Endowment Fund | The Helen and Harold Eswine Memorial Fund |
| The 1968 Class Fund | The John Wesley and Willie J. Allen Memorial Fund |
| The 1976 Class Fund | The Claude R. and Mary Sue Love Memorial Fund |
| The Mrs. William Butler Van Hook Memorial Fund | The Rev. J.E. Gordon Memorial Fund |
| The Clem Endowment Fund | The D. Kemper Helsabeck Memorial Fund |
| The Clyde and Hassie Ann Smith Memorial Fund | The 1985 Class Fund |
| The Carl C. Monin Memorial Fund | The 1987 Class Fund |
| The 1980 Class Fund | The Kathleen Adams Bowman Memorial Fund |
| The Roy G. True Memorial Fund | The T.W. Phillips Memorial Fund |
| The Dimple Hart Christian Memorial Fund | The Living Endowment Fund |
| The T. Jayne Gressel Memorial Fund | The T.A. Lovelace Memorial Fund |
| The Alfred Keefauver Memorial Fund | The Edgar Randolph Memorial Fund |
| The Raymond R. Roach Memorial Fund | The 1981 Class Fund |
| | The Birdy Black Scholarship Fund |
| | The Sam Crabtree Scholarship Fund |

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|--|--|
| The Davidson Scholarship Fund | The 1988 Class Fund |
| The Daisy & Fred Hayden Scholarship Fund | The Ada Bess Hart Memorial Fund |
| The Iula Kilday Scholarship Fund | The Mr. and Mrs. Thruman C. Earon Scholarship Fund |
| The Steve Lacy Scholarship Fund | The 1986 Class Fund |
| The Richard Millsaps Scholarship Fund | The Mary Archer Memorial Fund |
| The Joan Millar Scholarship Fund | The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund |
| The Sarah Morrison Scholarship Fund | The Art Spahr Endowment Fund |
| The Navy V-12 Scholarship Fund | The Mr. Paul O. George Memorial Fund |
| The Edens Pleasant Home Carpet Fund | The Mr. Edgar Ralph Turner Memorial Fund |
| The W.V. Ramsey Minister's Scholarship Fund | The Dr. Dean E. Walker Memorial Fund |
| The Ralph Small Scholarship Fund | The Mr. A.B. Culbertson Memorial Fund |
| The Roger Speas Scholarship Fund | The Frank and Janie Von Cannon Memorial Fund |
| The Irene Spahr Scholarship Fund | The Claude Prince Memorial Fund |
| The W.B. Stump Scholarship Fund | The Ivor Jones Memorial Fund |
| The Virginia Gardens Christian Church Scholarship Fund | The 1989 Class Fund |
| The Mr. & Mrs. Floyd L. Broyles Scholarship Fund | The George E. Davis Memorial Fund |
| The Kate Rice Blankenship Scholarship Fund | The W. Hobart and Myra Millsaps Scholarship Fund |
| The Clarence and Lela Anderson Brumit Memorial Fund | The Thomas A. Barnard, Sr., Memorial Scholarship Fund |
| The Rondah Y. Hyder Memorial Fund | The Hazel Hale Best Memorial Fund |
| The John L. Kuhn Memorial Fund | The Patricia Huffine Memorial Scholarship Fund |
| The Edgar Ralph Turner Memorial Fund | The Martin Luther Roark Memorial Scholarship Fund |
| The Herschell J. Springfield Memorial Fund | The Dr. Joe P. McCormick Memorial Fund |
| The Virginia Burns Elder Memorial Fund | The Donald Bush Memorial Scholarship Fund |
| The Harry A. Smith Memorial Fund | The Fred W. Kegley Memorial Fund |
| The Dora D. and Nat D. Shoun Memorial Fund | |
| The William E. Axamethy Memorial Fund | |

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois--THE DEAN E. WALKER CHAIR OF CHURCH HISTORY

First Christian Church, Erwin, Tennessee--THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS--Professor Eugene P. Price

Mr. and Mrs. Joel Stephens--THE JOEL O. AND MABEL STEPHENS CHAIR OF BIBLE--Professor William C. Gwaltney, Jr.

Mrs. Jeanne Starkey--THE KENNETH E. STARKEY CHAIR OF BIBLE AND CHRISTIAN MINISTRIES--Associate Professor R. David Roberts

Churches or individuals desiring information concerning these programs may write to the President of the College.



Milligan College Campus



Directory

- | | |
|---|---|
| 1. Anglin Field—Baseball | 16. Music Practice House |
| 2. Anglin Field—Soccer | 17. Pardee Hall |
| 3. Anglin Field—Softball | 18. Paxson Communications Center |
| 4. Carter County Pre-School for the Handicapped | 19. Physical Plant |
| 5. Derthick Hall | 20. Post Office |
| 6. Faculty Office Building | 21. Radio Station |
| 7. Hardin Hall | 22. Residence Hall (under construction) |
| 8. Hart Hall | 23. Residence Hall (under construction) |
| 9. Hopwood Memorial Church | 24. Science Building |
| 10. Hyder House | 25. Seeger Chapel |
| 11. Lacy Fieldhouse | 26. Sutton Hall |
| 12. Little Hartland | 27. Tennis Courts |
| 13. Married Student Housing | 28. Webb Hall |
| 14. McCown Cottage | 29. Welshimer Library |
| 15. McMahan Student Center | 30. Williams Hall |

MILLIGAN COLLEGE CALENDAR

Summer Session, 1992

Registration	June 8
First Term Classes	June 8 - July 8
Second Term Classes	July 9 - August 7
Baccalaureate and Commencement	August 9

Fall Semester, 1992

Dorms Open to Freshmen	August 23
Conference for Parents of Freshmen	August 23
New Student Orientation	August 23 - 26
Faculty Conference	August 24
Dorms Open to Upperclassmen	August 24
Advising and Registration	August 25 - 26
Classes Begin	August 27
Matriculation	August 27
Fall Break	5:00 p.m., October 14 to 8:00 a.m., October 20
Thanksgiving Holiday	5:00 p.m., November 24 to 8:00 a.m., November 30
Last Day of Classes	December 11
Major exams for seniors	3:00 p.m., December 11
Final Examinations	December 14 - 17

Spring Semester, 1993

New Student Orientation	January 9
Advising and Registration	January 11 - 12
Classes Begin	January 13
Spring Break	5:00 p.m., March 12 to 8:00 a.m., March 23
Awards Convocation	May 6
Last Day of Classes	May 7
Final Examinations	May 10 - 13
Baccalaureate and Commencement	May 16

Summer Session, 1993

Registration	June 7
First Term Classes	June 7 - July 7
Second Term Classes	July 8 - August 6
Baccalaureate and Commencement	August 8

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The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. The College reserves the right to make changes (including changes in tuition and fees) after publication of the Catalog. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.

In accordance with the Tennessee College and University Security Information Act of 1989, Milligan College has prepared a report containing campus security policies and procedures, data on campus crimes, and other related information. A free copy of this report may be obtained by any student, employee, or applicant for admission or employment from the Office of Student Development, Milligan College, Milligan College, TN 37682.





Milligan College

Catalog 1893-1894



MILLIGAN COLLEGE

Milligan College, Tennessee 37682
(615) 461-8700

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Milligan College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate, Bachelor's, and Master's degrees.

Milligan College holds membership in the following accrediting agencies and professional organizations:

American Association of Collegiate Registrars and Admissions Officers
American Association of Colleges of Teacher Education
Appalachian College Consortium
Christian College Coalition

College Placement Council
Council for Advancement and Support of Education
Council for Independent Colleges
National Association of College and University Business Offices
National Association of Independent Colleges and Universities
National Association of Intercollegiate Athletics
National Council for the Accreditation of Teacher Education
Southern Association of Colleges and Schools
Tennessee Independent Colleges Fund
Tennessee Intercollegiate Athletic Conference

NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain, which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced both the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as a means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary controls through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education--the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of the colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire, Pardee Hall was built as a dormitory for men, Cheek Activity Building was constructed for recreational purposes, and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship at the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College, the endowment was increased, and existing buildings were renovated and newly furnished. New patrons were sought for the College, the curriculum was expanded, and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of President Dean E. Walker, who became the Chancellor. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a

nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning. This synthesis of learning is regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and humanity.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education--the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been coeducational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that each course is taught with an awareness of how it fits into a biblical worldview. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the human spirit is freed and further endowed with moral power. The study of these arts is thus essential to the attainment and maintenance of a civilization of free people. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of humanity and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research. Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated person.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the

light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

Mission Statement

Milligan College provides opportunities for education in Bible, arts, and sciences which are shaped by a Christian world view in order to (1) create an environment dedicated to intellectual, spiritual, social, and physical development, (2) lead to selected professional and career possibilities, and (3) establish a community of inquiry, responsibility, and caring. Programs lead to associate, undergraduate, or graduate degrees, as well as provide for personal enrichment; they prepare men and women to participate in the necessary endeavors which will result in the accomplishment of the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of Life. The attainment of positive, personal Christian faith means the commitment of one's life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

The main functions of education are to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan undergraduate students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods without permission from the Dean of Students.

Any student without a roommate will be charged the private room rate unless no roommate is available.

An appliance fee of \$15.00 per semester will be charged for use of each high energy use appliance, such as refrigerators and air conditioners.

Telephone service is available in all residence hall rooms. Students must provide their own telephones and calling cards for long distance calls.

Married Student Housing

Milligan College has thirty-two apartments for married students. These two-bedroom units are totally electric, including heating and air conditioning. All of the apartments are carpeted and unfurnished except for kitchen appliances. Additional information may be obtained by contacting the Student Development Office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. While attending Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the college name or involve the absence of the participants from the College must receive the official sanction of the college administration.

DORMITORIES



Kegley Hall



Quillen Hall



Williams Hall



Married Students Apartments



Hart Hall



Sutton Hall



Webb Hall

2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It is concerned particularly with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action: suspension or expulsion.
4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
5. The use of tobacco in any building on campus is prohibited. It is permitted only in designated outdoor areas of the campus.

Additionally, the College publishes a Student Handbook which sets forth certain standards of appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students, although it is not recommended for freshmen. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$9.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the faculty sponsor and the Dean of Students and then entered on the College Master Calendar in the office of the Academic Dean. All such activities are attended by the faculty sponsor of the organization involved. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees working with the faculty. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness. The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accident or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will provide information on available insurance through private agencies. Premium payment is the responsibility of the individual student. Contact the Student Development Office for information. All students participating in intercollegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health is also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to promote long-term, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Chapel and convocation services are held each Tuesday and Thursday.

The student has many opportunities to develop his prayer and devotional life. There are several churches in the area which have mid-week services. Many students close their day's activities in small prayer groups in the dormitories. More formal prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in spiritual life organizations is open to all students. There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, 7) gospel teams, 8) informal vespers, and 9) discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Student Right to Know and Campus Security Act

Information relative to the Student Right to Know and Campus Security Act (Public Law 101-542) is available in the Office of the Vice President for Student Development. This information includes campus crime statistics and graduation rates by athletic participation, gender, and ethnicity.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), one dormitory representative from each dorm, one commuter representative, and a married student representative.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and in England. This group includes in its annual tour appearances in high schools, churches, and church conventions.

The Milligan Men and the Women's Ensemble are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. One of this group's performance experiences is the annual Madrigal Dinners.

The Wind Ensemble is a performing group of woodwind, brass, and percussion players which performs several times during the year. The Handbell Choir was formed through a gift of three octaves of Schulmerich handbells by Mrs. Ruby Gordinier of Louisville, Kentucky. The group performs at college and outside functions throughout the year.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always

contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr. Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewald, Dr. Keith Schoville, Dr. Joseph M. Webb, Dr. Harold Hazelip, and Dr. Gerald Mattingly.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampede*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the proposed organization is in keeping with the purposes and philosophy of Milligan College.

The Science Club is designed for students with interests in any of the basic sciences or mathematics. It is also open to students who do not have a major or minor in science but have an interest in the sciences. The club meets semi-monthly.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and office administration majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

Circle K is an open membership service club sponsored by the Kiwanis Club. Circle K spends much of its time working in children's homes and nursing homes and with

he educable mentally retarded. It also sponsors social mixers and bike races.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Club is an organization for any student interested in painting, music, theatre, and other arts. The group enjoys meetings on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to provide small loans to meet emergencies.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

The International Awareness Club provides a unique opportunity for students from countries around the world and the United States to share together about different nations and cultures as well as our world as a whole.

Big Brother/Big Sister is an outreach ministry which works with area organizations to provide role models, temporary siblings, and other services.

The Student Hunger Committee promotes awareness of the universal problem of hunger. It works through organizations such as World Vision and Compassion International to raise concerns as well as funds to the benefit of those in need.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

There is also the opportunity to participate in the athletics program as a member of the Varsity Cheerleaders or the Milligan College Drill Team.

The intramural program of athletics is designed to encourage participation by all students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, fun runs, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.

THE CAMPUS

Milligan College occupies a campus of more than one hundred and forty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms and theatre located in this structure are the offices of the Academic Dean, the Director of Adult Education Programs, the Registrar, and faculty.

Hardin Hall was built in 1913, honoring Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years. This three-story brick building, once a residence hall for women, now houses the nursing program including faculty offices, laboratories, reading and conference rooms, a large lecture hall, and general classrooms.

The Mary Hardin McCown Cottage is the building formerly occupied by the President of the College. Offices located in the building include those of the Director of Financial Aid and the Vice President for Business and Finance.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. Offices of the President and Vice-President for Institutional Advancement are located on the second floor. This building also contains a computer lab and the law library.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire--192 feet above ground level--overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and drama. The main sanctuary-auditorium will seat 1,300. The lower auditorium will accommodate 350. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania.

The Science Building was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 250-seat lecture hall, and several special-purpose rooms.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb

and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, is furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and it contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The McMahan Student Center, built in 1987, was a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals. On the lower level of the Student Center are the offices of the Vice President for Student Development and the Director of Admissions.

The Lowell W. Paxson Communications Center is located on the site of the former Student Union Building. It contains classrooms, editing rooms, a darkroom, and well equipped studios for both radio and TV productions. It was dedicated April 20, 1989 and was made possible through a gift from the Lowell W. Paxson Foundation.

Constructed in 1992, the three newest residence halls on campus each have six suites consisting of four single rooms, a living room area, and bathroom. Williams Hall is named in honor of Milligan alumnus and federal judge, Glen M. Williams. Quillen Hall recognizes a good friend of Milligan and Northeast Tennessee, Congressman James H. Quillen. Kegley Hall honors Milligan graduate, J. Henry Kegley, a local businessman.

CAMPUS BUILDINGS



Seeger Chapel



Hardin Hall

Science Building



P.H. Welshimer Library



Steve Lacy Fieldhouse



John E. McMahan Student Center



Lowell W. Paxson Communications Center



Little Hartland



Derthick Hall

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$25.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references. The Admissions Committee may also under certain circumstances request an interview.
4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 scale are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), DANTES, and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may, after one semester, reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissal with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.
4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Non-degree Seeking Students

Non-degree seeking students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. Special students
 - a. Those students over eighteen who do not meet admission requirements and who, upon acceptance as special students, have two academic years in which to satisfy full admission requirements. At that time, special students may move to the status of degree-seeking students. Academic advisers assist the special student in this process.

These students are not eligible for institutional scholarships or for federal or state financial aid programs. Consideration can be given for Milligan College work/study.

- b. Those students who are already admitted to and enrolled in the College and who temporarily depart from graduation requirements or from a specific curriculum.

Special student status must be granted by the Vice President for Academic Affairs and Dean at the beginning of each semester.

2. Transient students

- a. Those students who are seeking a degree at another institution but who wish to take selected courses at Milligan College. Transient students are not eligible for financial aid at Milligan College. Transient students must submit to the Admissions Office a letter requesting admission and an official college transcript from the last institution attended. The Registrar will evaluate these documents to determine the applicant's admission status. Accepted students will be notified by letter from the Admissions Office.
- b. Those students who take selected courses during a period of time determined by the student. Visiting students, who are not eligible for financial aid, must follow the same admissions process as transient students.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-immigrant alien students. Foreign students must present a TOEFL score of at least 550 and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book which they sign and officially become members of the Milligan Community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$3,750.00
Room Charges (includes basic telephone service) Single	\$900.00
Double	\$750.00
Board (20-meal plan; other plans may be available)	\$800.00
Student Activity Fee	\$45.00
Tuition for each academic hour over 17	\$221.00

A special schedule determines tuition for 1 to 11 hours.

A special schedule determines tuition for Evening College, Summer School, Organizational Management, the Business Administration major for nontraditional students, and M.Ed. program.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges:

Laboratory Fees--Fees are subject to change without notice.

Materials for special courses:

Studio art courses (Art 250, 350, 375)	10.00
Photography courses (Art 237, 337; Comm. 337)	20.00
Art 311	5.00
Communications 203	5.00
Education 153, 334, 343	10.00
Education 315, 316, 451	15.00
Education 452	75.00
Education 551, 552	100.00
Education 153	10.00
Science laboratory fee	30.00
Language lab fee	10.00
Music 365, 367-8	5.00
Music 110	20.00
Sheet music deposit	15.00
Developmental courses (Math 090, Humn 091, 092, 093)	20.00
Computer fee for the following courses:	

One of the following courses	20.00
Two of the following courses	30.00
Three of the following courses	35.00
CPTR 100, 104, 131, 211, 212, 213, 275, 280, 316, 317, 322, 332, 341, 343, 411, 431, 495; EDUC 102; COMM 211; MATH 213; BADM 315L, 362L	

Communications fee for the following courses:

COMM 211, 323, 421, and all radio production courses	
One course	35.00
Two courses	45.00
Three courses	55.00
Health and Physical Education 101	10.00
Nursing 111, 211	30.00
Theatre 240	50.00

Tuition charges in applied music

One semester hour	\$110.00
Two semester hours	\$185.00

Application Fee

An application fee of \$25.00 is required with the application for admission to the College. This fee is not refundable. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student is charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee, each student, whether commuting or in the dormitory, is expected to pay a \$50.00 prepayment on account, which reserves a place in the class. These deposits are due within thirty days of the time the student is accepted.

THESE DEPOSITS ARE NONREFUNDABLE IF THE STUDENT DOES NOT ATTEND MILLIGAN COLLEGE.

Miscellaneous Fees

Diploma and graduation fee (undergraduate)	\$28.00
Diploma and graduation fee (graduate)	65.00
Transcript fee--after first issue	2.00
Automobile registration fee (per semester)	8.00
Late registration fee per day	5.00
Appliance fee in residence hall (per semester)	15.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions are made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

I. Academic Management Services Budget Payment Plan

This plan allows for payment of college fees in ten convenient monthly payments commencing June 15. The cost of this plan is \$45.00 which includes Life Benefit Coverage. There are no other fees or interest charges. Information concerning this plan is forwarded upon request.

II. Three Payment Plan

A down payment of one-half of the tuition, room and board (after deducting scholarships, grants, and financial aid), plus other class fees is to be paid by registration day. The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

All current accounts are charged 1% interest per month on current charges until October 31 and March 31 for fall and spring semesters, respectively. After these dates, 1 1/2% per month is charged until the account is paid in full.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript is issued until the student has satisfied all accounts with the College.

Students who have financial aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books are charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$300.00 per semester.

Board

The cost of Board is \$800.00 per semester for twenty meals during the week, exclusive of official vacation periods. The dining room is closed during vacation

periods. This price is a flat rate for the semester which allows the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rate does not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, 100% refund of tuition, room rent, and fees are refunded for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, receives a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester receives a 75% refund of tuition and room rent. There is no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester receives a 50% refund of tuition and room. There is no refund of fees. An exception is made for illness, in which case the refund period is extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit is given for scholarships or grants-in-aid.

There is no refund of tuition and room rent after the thirtieth day. In all cases a student is charged only a pro rata share of board based on the number of days enrolled. This policy is applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures results in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar day of the term. This policy is applied proportionately to courses of shorter duration than a full semester.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered, financial aid requirements are met, and financial need is demonstrated, Milligan attempts to meet a portion of that need.

General Requirements for Financial Aid

1. Apply for admission to Milligan College
2. Be classified as a regular, degree-seeking student
3. Be enrolled as least half-time (six hours per semester)
4. Follow satisfactory academic progress policies

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond 150 attempted college hours.

Financial Aid Application Process (Pell Grant, SEOG, College Work/Study, Milligan College Work/Study, Stafford Loan, Perkins Loan, PLUS/SLS Loans, Tennessee Student Assistance Award, Milligan College Scholarships):

1. Complete a Family Financial Statement (FFS) and mail it to the American College Testing Program (ACT).
 - a. All students must complete either the FFS or a waiver of right to Title IV Financial Aid. The waiver can be obtained by calling the Director of Financial Aid at 1-800-262-8337, Ext. 8713.
 - b. Be sure to include Milligan's code (3996) on the FFS application.
 - c. For a Tennessee Student Assistance award, students should apply by March 1. Tennessee residents must include the Milligan College code (048) for the Tennessee Student Assistance Corporation (TSAC) for state grant purposes.
 - d. For a Stafford Loan, complete the section requesting Stafford information. A Stafford or SLS/PLUS Loan application may be obtained from a bank or the Financial Aid Office. After completing the application, send it to the Financial Aid Office for certification. The application will be mailed to the bank of the student's choice for final processing. More information may be obtained from banks, lending institutions, or the Tennessee Student Assistance Corporation.
2. Students who have attended another post-secondary educational institution are **REQUIRED** to have a **FINANCIAL AID TRANSCRIPT** mailed to Milligan from their previous schools whether or not they received financial aid.
3. Students interested in College Work/Study or Milligan College Work/Study **MUST** complete a Milligan College Work/Study Application.
4. Students interested in scholarships **MUST** complete a Milligan College Scholarship Application.

NOTE: Students may complete the College Scholarship Service Financial Aid Form (FAF) instead of the ACT (FFS) form; however, Milligan prefers the ACT (FFS) form. Students who are Pennsylvania residents may complete the Pennsylvania Higher Education Assistance Agency (PHEAA) application instead of the FFS or FAF. The PHEAA code for Milligan is 500049.

Financial Aid Calendar

March 1—Priority Deadline for mailing the Family Financial Statement (FFS) to ACT

March 1—Priority Deadline for mailing the Milligan College Scholarship Application to Milligan College

April 10—Priority Deadline for mailing the Milligan College Work/Study Application

April 10—Priority Deadline for mailing any other requested documents to the Financial Aid Office. This includes Financial Aid Transcripts, copies of tax returns, signed certification statements, student aid report, institutional verification form, etc.

It is important to meet the priority deadlines. Some awards are based on a first-come, first-served basis.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

Pell Grant

Supplemental Educational Opportunity Grant (SEOG)

State Student Incentive Grant (for residents of Tennessee, Pennsylvania, and Vermont)

Nursing Coalition Education Grant

A grant of \$3,000 per year is available to all students pursuing a Bachelor of Science in Nursing degree, regardless of need. The first two years of the grant carry no obligation on the part of the student. Accepting the grant for the third and fourth years of the program obligates the student to accept employment with one of the sponsoring hospitals for one year at prevailing salaries and benefits.

Campus Employment

The College Work/Study Program provides jobs for students who need financial aid and must earn part of their educational expenses. The amount of the CWS award depends on financial need and the amount of funding the College has for this program. Jobs are assigned by the Work/Study Coordinator, and the rate of pay is at the current federal minimum wage.

The Milligan College Work/Study Program is similar to the College Work/Study Program, except that the funding is provided by the College and the earned wages are applied directly to the student's account. Student wages are based upon the job assigned.

Loans

Several low-interest, government-subsidized loans are available. Most are not to be repaid until the student leaves school, with the interest accrual beginning with repayment. The following loan programs are available:

Perkins Loan

Stafford Student Loan

Tennessee Teacher Loan/Scholarship (Tennessee residents only)

Parents Loan for Dependent Undergraduate Students (PLUS)

Supplemental Loans for Independent Undergraduate Students (SLS)

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The Honors Scholarship is offered to students who excel academically in their high school programs and on the ACT or SAT exam.

The Presidential Scholarships in varying amounts up to \$1,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation, an essay on an assigned topic, and financial need. A minimum Enhanced ACT of 20 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North

American Christian Convention. Scholarships in varying amounts are also awarded to the top twenty scorers on the Individual Achievement Test. Recipients must maintain a 2.5 g.p.a. each semester.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$1,000 a year for a two-year period are available to a limited number of students who graduate from a high school within the counties listed. An Enhanced ACT of 19, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years, a 2.0 GPA is required.

Upper Division Area Scholarships are given to upperclassmen in each academic area. Awards are based on the student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Men's Tennis, Women's Volleyball, Women's Softball, Women's Basketball, Women's Tennis, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Mary Hardin and Lonnie W. McCown Scholarships are awarded to promising students who need financial assistance.

The B.D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The Ernest Spahr English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Sisk Scholarship is awarded to an outstanding science student.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and education. Recipients must be juniors or seniors and must have a demonstrated financial need.

The W.V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Harold and Helen Eswine Memorial Scholarships, the F.L. Broyles Memorial Scholarships, the Lula Kilday Scholarships, the Mr. and Mrs. W.B. Stump Scholarships, the Martin Roark Scholarship, the Thurman Earon Scholarship, the Sylvester Hughes Memorial Scholarships, the Roy G. True Memorial Scholarship, the Genenieve Ross Lawson Scholarships, and the Donald Galley Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Harold W. Scott Memorial Scholarship and the Dessie Maddux Memorial Scholarships are awarded to outstanding ministerial students who demonstrate financial need.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding business major who demonstrates financial need.

The Ralph Small Scholarship is awarded to an outstanding student in the area of communications.

The Lovelace Education Fund provides a scholarship for a native American Indian from the Cherokee reservation.

The Jones Family Scholarships are awarded to outstanding history and English students.

The Patricia Huffine Scholarship is awarded to a deserving student from a designated area of Illinois.

The Grace McMahan Ministry Scholarships are awarded to outstanding students preparing for ministry.

The Joe and Lora McCormick Scholarship is awarded to a student from the First Christian Church of Johnson City, Tennessee.

The Donald E. Bush Scholarships are awarded to majors in the area of business.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 32, or 35, and 10 USC106 Title 38 United States Code.

To receive this federal financial aid while attending Milligan College, a student must meet the following academic standards.

Sophomore - 26 hours earned, must have a 1.6 GPA

Junior - 58 hours earned, must have a 1.8 GPA

Senior - 92 hours earned, must have a 2.0 GPA

Each student is given one probationary semester before federal aid is withdrawn. Payments are made each month directly to the veteran. The Veterans Administration provides counseling and vocational planning service for any veteran who needs this assistance. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Registrar's Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Communications, Computer Science, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant, Mathematics, Nursing, Organizational Management, Psychology, and Sociology. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than 25 percent of the total semester credit hours through instruction at Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471

Humanities 101, 102, 201, 202

Psychology 100 and three additional hours in psychology

Health & Physical Education 101 and one additional hour of activity

Biology, Chemistry, or Physics, eight hours

Sociology, Economics, Geography, or Political Science, six hours

Theatre 101 or an acceptable substitute

Mathematics, three hours

Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Students may earn a second baccalaureate degree distinct from the first by completing at least thirty semester hours in another major and minor.

Rising juniors are required to take a test covering general knowledge.

Graduating seniors are required to take a test covering their knowledge in their major field of study.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate Developmental Studies course(s) as a graduation requirement. **Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.**

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

Psychology 100 is required of all freshmen during the first semester of attendance.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science degree requires 64 semester hours and is conferred in the field of Education. A student seeking the A.S. degree must complete no fewer than thirty semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

For requirements for the Master of Education degree - See Page 84.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into the College, provided these requirements are met within six years; otherwise they are required to meet current degree requirements. The six-year limitation is extended for the length of time in military service for students who enter service after enrolling at Milligan.

All courses listed in this Catalog are not necessarily offered each year. Students should consult with their advisers to plan their curriculum.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. Eight semesters of satisfactory chapel/convocation attendance is required for students completing all course work at Milligan College. **If a student does not attend the required number of services, eligibility to return to Milligan for the next semester is forfeited.**

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student is necessarily affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4 1/2 week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to provide an opportunity for study at Milligan to those students whose work and/or family responsibilities occupy their days, courses are offered during the evening. These courses are the same courses which are taught during the day and will lead to a major in Legal Assistant studies and a minor in Accounting. Courses which fulfill general education requirements, such as Humanities, Science, Education, and Bible, are also available. The Office of Adult Education Programs also administers the Business Administration major for adults as well as the Organizational Management Program which are described on Page ???. Students desiring more information about any of these programs should call (615) 461-8782 or (800) 262-8337.

Advisers

All freshman students entering Milligan College are assigned a faculty mentor who works closely with them. At the beginning of the sophomore year the student becomes the advisee of a faculty member in the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she selects a field of work for concentrated study. This selection is ordinarily made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible/Ministry, Biology, Business Administration, Chemistry, Christian Education, Church Music, Communications, Computer Science, Elementary Education, English, Family Ministry, Fine Arts, Health Care Administration, Health and Physical Education, History, Human Relations, Humanities, Legal Assistant Studies, Mathematics, Missions, Music, Nursing, Organizational Management, Psychology, Sociology, and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student selects one field of minor concentration. Hours counted toward the major may not also be counted toward the minor or a second major.

Minors are available in Accounting, Art, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, English, French, German, Greek, Health, History, Human Relations, Mathematics, Music, Philosophy, Physical Education, Physical Science, Political Science, Psychology, Sociology, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

A = 4.0 quality points	D = 1.0 quality points
A- = 3.7 quality points	D- = .7 quality points
B+ = 3.3 quality points	F = 0.0 quality points
B = 3.0 quality points	S = Satisfactory--not computed in grade point average
B- = 2.7 quality points	U = Unsatisfactory--no quality points
C+ = 2.3 quality points	W = Withdrawn
C = 2.0 quality points	I = Incomplete--not computed in grade point average
C- = 1.7 quality points	
D+ = 1.3 quality points	

A student may, with the approval of the instructor and the adviser, withdraw from a class through the eleventh week of classes. Courses dropped are evaluated with the grade "W."

Library Services

Students find in the P.H. Welshimer Memorial Library a wide variety of materials to support their academic work and some leisure time reading materials as well. These resources include the traditional types of library materials: books, journals, magazines, documents, papers, correspondence, phonograph records, audiocassettes and videocassettes (87,710 book and periodical volumes; 163,388 microform documents; 2,433 units of non-print materials; and 596 current periodical subscriptions). Newer types of resources, such as information databases on compact discs, are available as well.

The ability to research, locate, and utilize information is an important life-long skill. Library staff assist students in adding to their knowledge of how to use libraries and in finding what they need for assignments.

The Library participates in resource-sharing agreements with the libraries of Emmanuel School of Religion, East Tennessee State University (main campus and medical school), and three private colleges in the surrounding region. This provides access for Milligan students to many resources beyond the considerable holdings of the Welshimer Library. Further, membership in the Southeastern Library Network provides interlibrary loan access to the holdings of thousands of additional libraries.

Special collections within the Library contain materials on the history of Milligan College, Restoration Movement history, and local history.

Testing Services

All entering students are evaluated in the basic skills of reading, writing, and mathematics. Proficiency in these basic skills is a requirement for graduation. Services are provided to help students attain this proficiency (see Developmental Skills Program).

Those students electing the education profession are required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see Education Area).

The College Level Examination Program and DANTES are available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. There is one administration each semester. There is a fee for each test taken.

The Miller Analogies Test is available upon request for those entering graduate studies.

A testing bulletin is available in the Office of Testing describing the services of that office.

Prior Learning Assessment

Milligan College recognizes that not all college-level learning occurs in a college classroom. Prior learning assessment programs provide a method by which such learning can be evaluated for college credit. The key to success in earning credit is the documentation of knowledge and skills appropriate to courses included in the Catalog. Students interested in a particular form of assessment should contact the appropriate office for further information.

The Testing Office evaluates and/or administers these programs:

- Advanced Placement Program
- College Level Examination Program (CLEP)
- DANTES Program
- International Baccalaureate Program

The Adult Education Office processes the following programs:

- Portfolio assessment
- Evaluation of military credit

American Council on Education's National Guide to Educational Credit for Training Programs

Program on Noncollegiate Sponsored Instruction (PONSI)

The American Council on Education and the Program on Noncollegiate Sponsored Instruction evaluate some corporate training as well as some proprietary programs (e.g., the Dale Carnegie Public Speaking course).

The Prior Learning Assessment Programs brochure (available in the Adult Education Office) contains additional information about these programs.

Courses at Another Institute

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved by the Registrar prior to enrollment. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Registrar. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours are accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least

3.50. Honors are determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Dean publishes a list of students who have done outstanding work during that semester. The Dean's List is composed of students who earned semester grade point averages of 3.50 to 4.00.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average is placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit are factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see Page 20).

Milligan College is seriously concerned that every student who enters the College makes progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extracurricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; and rising juniors and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar issues to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar issues grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman; sophomore, 26 hours; junior, 58 hours; senior, 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan are furnished only upon the request of the student.

One transcript is issued to each student without charge; subsequent transcripts are issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Dean. Upon securing the consent of the Dean, the student is expected to meet all obligations involving instructors, fellow students, deans, dormitory residents, business manager, and registrar.

Students who leave the College without fulfilling these obligations receive "F's" in all courses in which they are enrolled and forfeit any returnable fees which may have been paid the College.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class (**except Bible 123, 124; Humanities 101, 102, 201, or 202; Developmental Studies**) through the eleventh week of classes. Classes dropped are evaluated with the grade "W."

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power of thinking." While a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree is conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

- Completion of six semesters or ninety hours in residence in Milligan College.
- Fulfillment of all general education requirements and completion of a minor.
- Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

Co-operative programs enable students to enjoy the advantages of the distinctive ministries of two colleges. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Academic Dean.

Engineering Students

Special arrangements have been made with Georgia Institute of Technology whereby a student completing a three-year program at Milligan may receive the baccalaureate degree from Milligan and the engineering degree from the engineering school. The student must complete the same requirements in Milligan College as are outlined for medical and law students.

Mortuary Science

Milligan College has a cooperative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four-year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student

completes an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

Nursing

Milligan College students may pursue a course of study leading to a Bachelor of Science in Nursing degree from East Tennessee State University. The freshman and sophomore years are taken at Milligan College. The junior and senior years are offered through East Tennessee State University, which awards the B.S.N. degree. Interested persons should contact the Office of the Dean or the nursing adviser.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee, North Carolina, and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

- (1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.
- (2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A university based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five-year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year, a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school. The degree is awarded by Milligan College.

For additional information contact the Chairman, Area of Scientific Learning.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation.

OPPORTUNITIES IN THE CHRISTIAN COLLEGE COALITION

Because Milligan College is a member of the Consortium of more than 78 private liberal arts Christian colleges and universities, a number of off-campus learning opportunities exist. These include an American Studies program in Washington, D.C., an Environmental Studies Program, a Latin American studies program in Puerto Rico, the Los Angeles Film Studies Center, and an increasing number of overseas travel programs which are being developed. Additional information and application materials are available in the office of the Vice President for Academic Affairs and Dean.

The American Studies Program

The American Studies Program (ASP) in Washington, D.C. is a semester-long internship/seminar program for upper division students in most majors who are interested in having "real world" on-the-job experiences and in exploring current national and international issues with Washington professionals. ASP serves as Milligan College's Washington campus and students may earn up to 16 semester hours of credit toward their degree. The program is designed to help students from Christian colleges throughout North America gain the experiences they need to live and work in a faithfully biblical way in society and in their chosen fields.

POLITICAL SCIENCE

360. The Presidency--See Political Science 360.

361. Domestic Politics--See Political Science 361.

370. International Affairs--See Political Science 370.

ECONOMICS

360. The U.S. Economy--See Economics 360.

FIELD WORK

491. Field Work--See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

The Au Sable Institute of Environmental Studies

Located in Michigan, this program offers courses which cover different aspects of environmental studies, ecology, and stewardship. Ecological information is provided along with experience in both field and laboratory techniques.

Latin American Studies Program

An opportunity to live and learn in Latin America is available to students from coalition member colleges through the Latin American Studies program. Located in San Jose, Costa Rica, the program is committed to helping students examine and live out the Lordship of Jesus Christ in an international context.

Each semester a group of approximately twenty students is selected to participate in this seminar and service experience in Latin America.

Los Angeles Film Studies Center

The Christian College Coalition inaugurated a Los Angeles Film Studies Center with opportunities for student involvement in January 1991. This center which serves as an extension campus for coalition institutions incorporates study programs and internship experiences in the Hollywood area for gifted students from member colleges and universities. Its purpose is to enable its graduates to serve in various aspects of the film industry with professional skill and Christian integrity.

Overseas Study Opportunities

Several opportunities for overseas study are available through the coalition. An Oxford summer program provides study possibilities in England. Work is progressing toward study opportunities in the Soviet Union.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level.

Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.

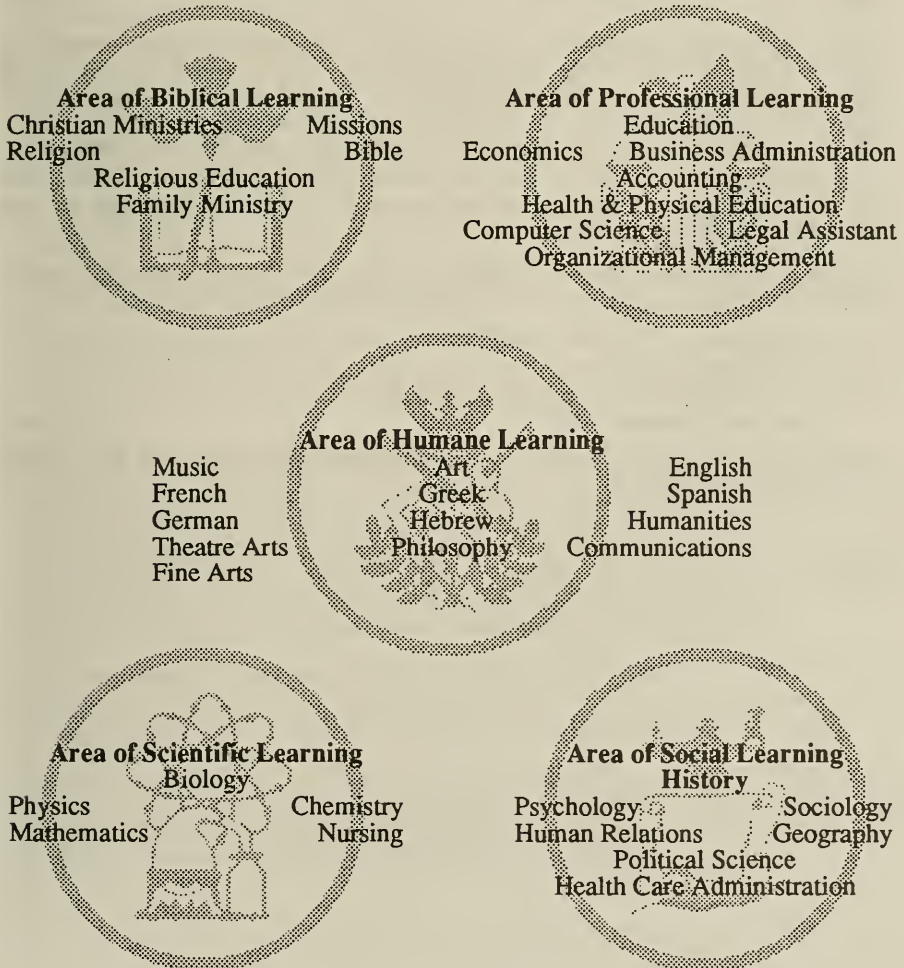




AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:



DEVELOPMENTAL STUDIES

Some students come to college weak in a variety of basic skills and strategies required for success in their course work. The Developmental Studies classes in mathematics, writing, and reading and study skills give students the opportunity to develop more proficiency in these areas. Applicants with ACT scores of below 19 in math or SAT numerical scores of below 450 are required to take Developmental Math. Applicants with ACT subscores of below 21 in English or with SAT verbal scores of below 460 are required to take Developmental Reading their first semester. Applicants whose performance on a writing sample indicates a need for special writing assistance are required to take Developmental Writing their first semester. Students needing reading who are in Humanities 101-102 take the developmental reading course which is supplemental instruction to freshman Humanities. Additional assessment tests in reading and mathematics are offered during orientation for students who wish to challenge their need for special assistance. Transfer students are evaluated for Developmental Studies on the basis of performance on previous college-level work. Students whose first semester performance in freshman Humanities indicates a need for assistance may be placed in Developmental Reading and/or Writing the following semester.

Students placed in Developmental Reading and Writing cannot withdraw from these courses. Upon demonstrating the ability to do "A" or "B" work consistently in Developmental Reading or Writing and to do "A," "B," or "C" work consistently in other courses being taken at the same time, a student may be dismissed from Developmental Reading or Writing before the semester is completed and will receive credit for the course. Failure to pass either course requires that the student retake the course the following semester. A minimal grade of "C-" is required to pass Developmental Studies courses.

Individual assistance in reading, writing, or study strategies is also offered for other students who wish to improve their abilities to achieve college success.

Mathematics--see Mathematics 090

Reading--see Humanities 091

Reading for Humanities--see Humanities 092

Writing--see Humanities 093

These hours do not count toward the 128 hours required for a degree but are included in the student's GPA.

Area of Biblical Learning



Dr. William C. Gwaltney, Jr., Chairman

BIBLE/MINISTRY

The Bible, the written revelation of God to mankind, is central to the curriculum in Milligan College. The Bible is not only a treasury of the world's literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting--geographical, cultural, linguistic, social--of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible/ministry consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 250 for two hours, 273, 276 or an acceptable Christian Ministries option that augments the student's vocational objectives, and 491 for two hours. The Bible/Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in biblical studies is available only to those who are also majoring in elementary education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

110. **An Introduction to the Restoration Ideal**--A review of the Stone-Campbell Movement in the Nineteenth Century and its doctrinal and practical implications for the Christian Churches in the latter part of the Twentieth Century. One semester hour.
123. **Old Testament Survey**--An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. **New Testament Survey**--A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. **The Life of Christ**--A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. **The First Century Church (Acts)**--An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. **Institutions of Israel**--A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. **Biblical Archaeology**--A study of the history and techniques of archaeology in the biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Three semester hours.
295. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.
- 301-302. **The Prophets**--A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
303. **Old Testament Faith**--An introductory study of the major themes of the Old Testament. Three semester hours credit.
321. **Prison Epistles**--An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. **Pastoral Epistles**--An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. **Johannine Literature**--A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. **Apocalyptic Literature**--A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.
- 351-352. **The Pentateuch**--A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.
411. **Corinthian Correspondence**--A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.
412. **Romans and Galatians**--A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.

- 422. Intertestamental Literature--**A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.
- 452. General Epistles--**A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.
- 471. Christ and Culture--**A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.
- 489. Directed Readings--**A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies--**A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar--**A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

CHURCH HISTORY

- 341-342. Church History--**See History 341-342.
- 431-432. Reformation of the Nineteenth Century--**See History 431-432.

CHRISTIAN MINISTRIES

The program in Christian ministries seeks to prepare people for service in specialized areas of Christian leadership. Preparing for service in churches is a primary focus, so most courses include involvement with a congregation. This program serves as adequate preparation for entry level service in youth ministry, Christian education, and a wide variety of other options as well as graduate or seminary studies. Every major in the area of biblical studies is designed to include some of these courses so that the theoretical may become practical and every Christian will be encouraged to serve in the Church.

The Christian Education major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 304, 308, and 491 for two hours. The Christian Education major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Youth Ministry major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 318, 321, and 491 for two hours. The Youth Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in Christian education includes three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either 304 or 308.

The minor in youth ministry requires three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either 318 or 321.

The Christian Ministry minor requires three hours of Old Testament, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

217. **Introduction to Youth Ministry**--A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This includes some practical experience and is intended both for those planning a career in youth ministry and those preparing for better church service. Three semester hours.
250. **Practical Ministries Colloquium**--A six-semester cycle of seminar-based discussions and field trips focusing on practical aspects of ministry. Consideration is given to the general areas of worship, pastoral care, ethics, administration, missions/evangelism, and sacramental theology. Open to anyone interested in ministry. One-half hour per semester.
261. **Introduction to Christian Education**--A survey course introducing the student to the total program of Christian education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.
270. **Introduction to Christian Missions**--A study of the biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.
271. **History of Christian Missions**--A survey of the history and progress of missions since the beginning of Christianity. Offered only on demand. Three semester hours.
273. **Introduction to Ministry**--A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.
276. **Homiletics**--A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.
304. **Materials and Methods of Christian Education**--A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expression groups, and Christian camping. Three semester hours.
308. **Organization and Administration of Christian Education**--A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.
318. **Materials and Methods of Youth Ministries**--A study of the available resources for ministering to the needs of youth in the church. Two semester hours.
321. **Leadership Development Seminar**--An interdisciplinary course in Bible and Social Learning designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.

- 375. Narrative and Story-Telling--** The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observations. Two semester hours.
- 415. Studies in Contemporary Evangelism--** A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.
- 460. Family Ministry--** An exploration of the relationship between the church and the family with the aim of developing an approach to enhancing the relationship between those two institutions. Topics include the practical theology of family ministry, an overview of certain relevant Christological themes, a consideration of the nature of the Christian community, a consideration of the relationship between the family and the church, and specific suggestions with regard to developing a family ministry program for the local congregation. Four semester hours.
- 491. Practicum in Ministry--** Involvement in ministry either in a local congregation or a mission field with approved supervision and evaluation. Arrangements are to be made through the Bible Area Chairman. One to three semester hours. Note: This requirement is normally met during a term of not less than eight weeks during the summer following the junior year at a location other than the student's home.

RELIGION

- 350. Comparative Religions--** A comparative investigation of the structure and content of primitive, ancient, and contemporary religions. The study includes consideration of major doctrines, figures, and developments. Three semester hours.
- 351. Philosophy of Religion--** See Philosophy 351.
- 421. Sociology of Religion--** See Sociology 421.
- 450. Psychology of Religion--** See Psychology 450.
- 495. Seminar--** A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in family ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no family ministry minor, and no minor is required for majors in this program.

The following curriculum is required:

Old Testament	6 hours
New Testament	6 hours
History 341, 342, 431	8 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Christian Ministries 250	2 hours
Christian Ministries 460	4 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours
Sociology 321 or 413	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 491	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is purposely rooted in the area of biblical learning since an understanding of the universe and one's own place in it is predicated upon an understanding of God's purposes as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines--Bible and Sociology--which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 491) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The Missions major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no Missions minor, and no minor is required for majors in this program.

Required

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	4 hours
Christian Ministries 250 Practical Ministries Colloquium	2 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 491 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements--Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Culture Change	3 hours

Electives--The following courses are recommended.

Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	





Area of Humane Learning



Ms. Carolyn C. Nipper, Chair

Human achievement in the arts of thought and expression is one of the major studies in a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of man, and the stimulation of creative expression of thought and emotion. Thus the "humanities" in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped communications, English, fine arts (including art, photography, and theatre arts), humanities, foreign languages, music, and philosophy. At the present a major may be taken in the fields of church music, communications, English, fine arts, music, and humanities. A minor may be taken in art, church music, communications, English, French, German, Greek, music, Spanish, philosophy, and theatre arts.

A special concentration in language arts is available only to those who are majoring in elementary education. In addition to the humanities required of all students, the concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

COMMUNICATIONS

The major in communications prepares students for careers in the varied fields of oral and print communication. Each course and specialty within the major seeks to help students understand and analyze all forms of written and oral communication directed toward a variety of audiences and to develop within students a sense of ethical and legal responsibility in their chosen careers as professional communicators.

The major in communications may be a B.A. program which requires completion of a foreign language through the intermediate level. The student may elect the B.S. degree which requires Mathematics 213 and Computer Science 100 and 275.

In addition to the twenty-one hours of core courses, a student must also complete twelve hours in one of the following specialties: Public Relations/Advertising, Radio Production/Broadcasting, Journalism, or Television Production/Broadcasting.

The minor in communications requires Communications 101, 201, 203, 205, and six hours of electives.

Required Core Courses

Communications 101
Communications 201

Communications 203
Communications 205

Communications 491
plus
two upper division courses

SPECIALTIES

Public Relations/ Advertising	Radio Production/ Broadcasting	Journalism	Television Production/ Broadcasting
Com. 311	Com. 325	Com. 331	Com. 323
Com. 315	Com. 421	Com. 335	Com. 325
Com. 411	Com. 425	Com. 337	Com. 421
Com. 415	Com. 495	Com. 431	Com. 495

- 101. Introduction to Mass Communications**--A survey of the history, structure, and processes of the American media system, including newspapers, magazines, radio, and television. The course also includes an introduction to newer forms of mass media, including a look into the future of such things as satellite, cable, and laser technologies and how they impact the media system. Three semester hours.
- 201. Principles of Interpersonal Communication**--An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.
- 203. Introduction to Visual Communication**--A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.
- 205. Writing for Public Media**--An introduction to and practice in writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of news writing itself. Three semester hours.
- 211. Desk Top Publishing**--A publishing course designed to give students practice and experience on the Macintosh Desk Top System. Students gain experience in preparing newspaper, magazine, and advertising copy. Skills learned include scanning and editing photographs for reproduction. Software packages include Wordperfect, Pagemaker, Omnipage, and Freehand. Three semester hours.
- 237. Basic Photography**--An introduction to the 35mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.
- 301. History and Philosophy of American Media**--An in-depth examination of the origins and development of the American media system and its place in the overall economic and political sys-

tem. Special attention is given to the ways in which competing philosophies have shaped the contemporary media. Three semester hours.

303. Law and Ethics of Mass Communications--A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel, journalists' privilege, and obscenity law. Three semester hours.

311. Public Relations Practices--An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public relations within the media system as well as in the American social and political economy. Three semester hours.

315. Media Advertising and Sales--An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements are evaluated and critiqued, and the process by which advertising is developed and presented is included. Three semester hours.

323. Fundamentals of Television Production--An introduction to the process of producing programs for use in audio-visual media, whether for "limited" in-house use or for broadcasting. The course provides an orientation to the equipment and procedures essential for such production, as well as supervised practical experiences. Three semester hours.

325. Writing for Aural-Visual Media--An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite:

Communications 205. Three semester hours.

331. News Gathering and Reporting--An introduction to the process of gathering and writing news which can be applied to either print or broadcast news. Attention is given to the differences involved in news handling of the two media types. Intensive practice is given in writing news for print and broadcast. Prerequisite: Communications 205. Three semester hours.

335. News Editing and Newspaper Production--A study of the fundamentals of editing combined with the processing of edited materials through their production into print. Included are the newer forms of technology and how they affect the newspaper editing and production functions. Three semester hours.

337. Photojournalism--An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisites: Communications 203 and Art 237. Three semester hours.

411. Public Relations/Advertising Campaigns--An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisites: Communication 311 and 315. Three semester hours.

415. Public Relations/Advertising Research--A survey of major forms of research and audience-information gathering on which media sales and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as prac-

- tice in audience surveying. Prerequisites: Communications 311 and 315. Three semester hours.
- 421. Advanced Television Production**--Supervised practice in the production of programs for broadcast or use in aural-visual settings. Productions are planned and carried out for group work within the context of the course. Attention focuses on every step of the production process from idea conception and program development through script writing, taping, and editing the final program. Prerequisite: Communications 323. Three semester hours.
- 425. Seminar in Broadcasting**--Advanced study of the role and future of broadcasting or aural-visual media in American society. Particular attention is given to the changing nature of the industry and to its occupational requirements. Prerequisites: two courses in Broadcasting Specialty. Three semester hours.
- 431. Advanced Reporting and Writing**--Practice given in specialty forms of print journalism, including feature writing and public affairs reporting. Prerequisite: Communications 331. Three semester hours.
- 491. Field Work**--A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level theatre arts courses may be applied to an English major. The English major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

An area of concentration in language arts is available for those who are majors in elementary education. In addition to the Milligan College Humanities requirement, the required courses are English 311, 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

- 211. Special Studies in Literature--**A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writing. Not applicable toward the English major or minor. One or two semester hours.
- 290. Independent Study--**Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.
- 304-305. Survey of American Literature--**A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.
- 311. Advanced Grammar--**Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Three semester hours.
- 312. Introduction to Linguistics--**A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.
- 313. History of the English Language--**A survey of the development of the English language from its origins to the present. Three semester hours.
- 354. Children's Literature--**A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.
- 355. Adolescent Literature--**A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.
- 361. Novel--**A study of the history and development of the novel as a literary type with special emphasis on British and American novels. Three semester hours.
- 402. Short Story--**A study of the development of the short story with some attention to creative writing. Three semester hours.
- 411-412. Contemporary Literature--**A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.
- 430. Medieval Literature--**A study of selected works from significant writers of the Middle Ages. Three semester hours.
- 432. Restoration and Eighteenth Century Literature--**A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.

434. **Romantic Movement**--A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Three semester hours.
435. **Victorian Period**--A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Three semester hours.
460. **Elizabethan Drama**--An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
461. **Jacobean Drama**--An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.
462. **Renaissance Poetry and Prose**--Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FINE ARTS

The Fine Arts Program is designed to contribute to the development of students' God-given personalities and talents by increasing their appreciation and knowledge of human creativity. Within that context, the major in Fine Arts cultivates the development of Christian artists who glorify God by striving for the highest standards of artistic excellence--ministering to people through their art and contributing to the richness and beauty of life, both in the church and in society.

The strength of the Fine Arts Program lies in its interdisciplinary nature. It includes within it both a major and a minor. The Fine Arts major is available only as a Bachelor of Arts degree; foreign language through the intermediate level is required. While there is no Fine Arts minor, a student may minor in Art or Theatre Arts.

There are three areas of emphasis from which a student may choose when declaring a Fine Arts major. They are Art, Photography, and Theatre Arts.

Students completing the Fine Arts Program with an emphasis in Art have vocational opportunities in commercial art and related vocations, gallery and museum work, arts organization jobs, and free-lance art. Outstanding students are prepared to apply to graduate school, enabling them to teach college or continue to work as professional artists. The Art emphasis consists of 30 hours and the 13-14 hour Fine Arts core curriculum plus twelve hours of appropriate electives chosen from Communications, Business, Bible, Social Learning, or the Humanities.

The Photography emphasis is designed to help students acquire skills in various aspects of photography. The curriculum is taught from an artistic standpoint which gives students the creativity and experience necessary for a rewarding future in photography. Graduates can use their knowledge of photographic processes, aesthet-

ics, and history to provide professional services to the art community or commercial photographic markets. Photographers also provide supporting services for galleries, theatres, museums, and publishing; some teach photography. The Photography emphasis consists of 30 hours, the 13-14 hour Fine Arts core curriculum, and twelve hours of appropriate electives from the areas of Communications, Business, Bible, Social Learning, or the Humanities.

The Theatre Arts emphasis stresses a basic understanding and appreciation for all facets of theatre work. Theatre Arts graduates can work as actors, costumers, stage managers, set designers, lighting technicians, sound operators, stage carpenters, arts agency promoters, and stage directors, while others can go on to study theatre in graduate school in preparation for teaching, business, public relations, the ministry, and human service occupations such as health care/medicine, the field of law, and social services. The Theatre Arts emphasis consists of 30 hours, the 13-14 hour Fine Arts core curriculum, and twelve hours of appropriate electives from the areas of Communications, Business, Bible, Social Learning, or Humanities.

The electives within the Fine Arts program are determined by the students with their advisers to address the specific goals of the students. Students who have an interest in film or arts administration may also consider the option of a semester of study at the Christian College Coalition's Los Angeles Film Studies Center or the American Studies Program based in Washington, D.C.

Certification at the secondary level is possible for highly disciplined students who are willing to attend one summer school term during their course of study at the College.

FINE ARTS PROGRAM WITH ART EMPHASIS

CORE (13-14 hours)

Three hours from Hum. 101, 102, 201,
202, 3 hrs.
Theatre 341 Fundamentals of Acting, 3 hrs.
Art 237 Basic Photography, 3 hrs.
Art 401 Field Studies in Fine Arts, 1-2 hrs.
Art 421 Fine Arts in the Church, 3 hrs.

ART EMPHASIS (30 hours)

Art 250 Drawing I, 3 hrs.
Art 251 Painting I, 3 hrs.
Art 350 Drawing II, 3 hrs.
Art 351 Painting II, 3hrs.
Art 367 Art History, 3hrs.
Art 411 Printmaking Studio 3 hrs.
Art 431 Sculpture Studio, 3 hrs.
Art 489 Directed Studies, 3-6 hrs.
Eng 411 or 412 Contemporary Literature, 3-6 hrs.

FINE ARTS PROGRAM WITH PHOTOGRAPHY EMPHASIS

CORE (13-14 hours)

Three hours from Hum. 101, 102, 201,
202, 3 hrs.
Theatre 341 Fundamentals of Acting, 3 hrs.
Art 203, 250, or 251 Vis. Composition,
Drawing I or Painting I, 3 hrs.
Art 401 Field Studies in Fine Arts, 1-2 hrs.
Art 421 Fine Arts in the Church, 3 hrs.

PHOTOGRAPHY EMPHASIS (30 hours)

Art 237 Basic Photography, 3 hrs.
Art 310 Intermediate Photography, 3 hrs.
Art 312 Introduction to Color Photography, 3 hrs.
Art 337 Photojournalism, 3 hrs.
Art 366 History of Photography, 3 hrs.
Art 367 Art History, 3 hrs.
Art 437 Advanced Black and White Photography, 3 hrs.
Art 489 Directed Studies, 3-6 hrs.
Eng 411 or 412 Contemporary Literature, 3-6 hrs.

FINE ARTS PROGRAM WITH THEATRE ARTS EMPHASIS

CORE (16-17 hours)

Three hours from Hum. 101, 102, 201, 202, 3 hrs.

Art 237 Basic Photography, 3 hrs.

Art 203, 250, or 251 Vis. Composition, Drawing I, or Painting I, 3 hrs.

Art 401 Field Studies in Fine Arts, 1-2 hrs.

Art 421 Fine Arts in the Church, 3 hrs.

THEATRE ARTS EMPHASIS (30 hours)

Thea 141 Fundamentals of Voice/Stage Movement, 3 hrs.

Thea 151 Introduction to Theatre, 3 hrs.

Thea 240 Theatre Make-up, 3 hrs.

Thea 340 Fundamentals of Directing, 3 hrs.

Thea 341 Fundamentals of Acting, 3 hrs.

Thea 343 Scenography, 4 hrs.

Thea 345 Theatre Workshop, 3-6 hrs.

Eng 460 Elizabethan Drama, 3 hrs.

Eng 461, 411, or 412 Jacobean Drama or Contemporary Lit., 3 hrs.

ART

The Art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other art courses listed below.

203. Visual Composition--Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. Three semester hours.

237. Basic Photography--An introduction to the 35mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.

250. Drawing I--A class for either the novice or the experienced student. Students cover perspective solving, still life, the human figure, landscape, portraiture, and a study of the masters. Three semester hours.

251. Painting I--Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the student

master the painting medium through working in still life and landscape and through copying the masters. Three semester hours.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

310. Intermediate Photography--An opportunity for students to expand their understanding of techniques and ideas presented in Basic Photography. Emphasis is placed on personal interpretation and visual communication. Prerequisite: Art 237. Three semester hours.

311. Art for Elementary Teachers--Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

- 312. Introduction to Color Photography**--An introduction to basic color materials and skills. Students learn how to process color slides and print from negatives. Aesthetics and technique are integrated throughout the course in hands-on printing sessions, critiques of student work, and lectures on color photography. Prerequisites: Art 237 and 310. Three semester hours.
- 337. Photojournalism**--An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Three semester hours.
- 340. Graphic Design**--A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Three semester hours.
- 350. Drawing II**--A course which builds on skills developed in Drawing I. Composition and creative problem solving are stressed within the context of assignments that allow students to explore multiple approaches to a few select themes. Color drawing media is also emphasized. Three semester hours.
- 351. Painting II**--A course designed to allow students who have developed a basic understanding of color and painting techniques from Painting I to focus on a more personal direction in terms of content and choice of media as agreed on between student and instructor. Three semester hours.
- 366. History of Photography**--An overview of the history of photography from its beginning to present day. Slide lectures and class discussions examine the work of major photographers through the framework of historical, cultural, and social trends. Three semester hours.
- 367. Art History**--An in-depth study of 19th and 20th century art. This course alternates between a European or an American emphasis depending on the semester/year in which it is offered. Topics include painting, sculpture, architecture, photography, and cross-discipline arts. Three semester hours.
- 375. Studio Workshop**--An open studio course especially designed for the student interested in pursuing an art project. One to three semester hours.
- 401. Field Studies in Fine Arts**--A study tour to a selected city in the United States for the purpose of studying various aspects of the fine arts, notably art, photography, and theatre. Visits to galleries and theatres are arranged by a tour leader. Specific reading assignments are completed before the trip, and a written project is submitted after the trip. One semester hour; may be repeated for one additional semester hour.
- 411. Printmaking Studio**--A course designed to allow students to explore relief printmaking (woodcut, linocut) as well as a limited number of intaglio techniques. Three semester hours.
- 421. Fine Arts and the Church**--An investigation of the theories and models of the fine arts in a Christian context and the application of the fine arts in a Christian setting. Faculty and guest lecturers present insights into how the fine arts can be used in creative expressions of worship within the church. Portfolio review, interviewing techniques, and a final project are components of the course. Three semester hours.
- 431. Sculpture Studio**--An introductory course in three-dimensional problem-solving. Students work in a variety of materials as a means of understanding basic approaches

- to sculptural design through projects that range from the human figure to non-figurative forms. Three semester hours.
- 489. Independent Study**--Independent work for students who have mastered the basics of black and white and/or color photography and want to work on self-directed projects under the supervisions of the photography instructor. Students are encouraged to discover and develop the uniqueness of their own visions. One to six semester hours.
- 490. Independent Study**--Independent work for the junior or senior art minor in an area of the student's interest. The student's program is under the supervision of an art professor. One to six semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.

THEATRE ARTS

The Theatre Arts minor consists of eighteen semester hours and must include Theatre 141, 151, 340, 341; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.

- 101. Fundamentals of Oral Presentation**--A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.
- 141. Fundamentals of Voice/Stage Movement**--A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCoq-based mask work and an introduction to stage dialects and stage combat. Three semester hours.
- 151. Introduction to Theatre**--The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.
- 240. Theatre Make-up**--An introductory studio course emphasizing the basic principles, theories, and techniques of two-dimensional theatrical make-up. The principles learned in this class may be applied to any theatrical stage environment as well as to film and television production. "Hands-on" experience is emphasized. Three semester hours.
- 340. Fundamentals of Directing**--A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a

one act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.

- 341. Fundamentals of Acting--**A study of techniques in acting. Class exercises are designed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.
- 342. Advanced Acting--**A course providing advanced acting with an emphasis on Greek, Shakespearean, and Restoration Comedy techniques. Prerequisite: Theatre 341. Three semester hours.
- 343. Scenography--**A holistic approach to theatrical design taught every two years from one of two perspectives: scenic, lighting, sound, and props or costumes, masks, and

props. Emphasis is placed on basic skills, including rendering and sketching techniques. Students are required to work on one or more technical areas of the current semester's production. Four semester hours.

- 345. Theatre Workshop--**An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. One to six semester hours.
- 470. Readings in Drama--**A concentrated program of readings in drama designed to provide a solid repertory for the beginning dramatist. Prerequisite: six hours in Theatre Arts. One to three semester hours.
- 495. Seminar--**A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.





With 175 performances to their credit, the Milligan College Theatre for Young Audiences finished a three year tour of their innovative production, The Recycling Play. The company also toured another original production during 1992-93 entitled Critter Skits. To date the company has performed in over 200 schools to a combined audience of nearly 100,000.



A scene from "The Miracle Worker"

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test. Students may receive credit for the intermediate year of a language by means of the CLEP or AP exam. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in foreign language is available to those who are also majoring in elementary education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 35).

FRENCH

The minor in French consists of eighteen semester hours beyond the level of French 111-112.

111-112. Elementary French--The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate French--The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an indi-

vidualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Advanced Conversation and Composition--Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of French Literature--A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent au-

thors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. French Civilization and Culture--A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

GERMAN

The minor in German consists of eighteen semester hours beyond the level of German 111-112.

111-112. Elementary German--The pronunciation and writing systems, oral mastery of basic structural patterns in dialogue form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate German--Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition--Extensive practice in conversation and composition.

Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature--A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

GREEK

The minor in Greek consists of eighteen semester hours.

- 111-112. Elementary Greek--**A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Selected readings in New Testament literature are included in the second semester. Three semester hours each semester.
- 221-222. Intermediate Greek--**The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.
- 290. Independent Study--**Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 331-332. Advanced Greek Readings--**Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

HEBREW

- 111-112. Modern Hebrew--**Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.
- 211-212. Intermediate Hebrew--**Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

SPANISH

The minor in Spanish consists of eighteen semester hours beyond the level of Spanish 111-112.

- 111-112. Elementary Spanish**--The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Five class periods and not less than two laboratory periods per week. Six semester hours during the fall semester.
- 211-212. Intermediate Spanish**--The reading of prose with grammar review, oral, written, and conversational drill. Five class periods and not less than two laboratory periods per week. Six semester hours during the spring semester.
- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301-302. Advanced Conversation and Composition**--Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.
- 490. Directed Studies**--A program of readings and conferences which provides for study of material not included in the regular course offerings. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow students to pursue an interdisciplinary course of study. Although the major is not structured as a prevocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the Humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and selected courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible. The humanities major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

Each student who selects a major in humanities works with an advisory committee selected from the humanities staff to design a program to meet the needs and desires of the individual student.

Students with a humanities major are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students who choose a minor in other fields may still select a major in humanities. There is no humanities minor.

091. **Developmental Reading**--An integrated approach to college-level reading and study strategies including concentration, comprehension, note-taking, test-taking, and time management. Not applicable toward the 128 hours required for a degree. Two semester hours.
092. **Developmental Reading for Humanities**--An integrated approach to college level reading and study strategies, designed to accompany freshman Humanities. Meets three days per week. Required for designated freshman Humanities students. Not applicable toward the 128 hours required for a degree. Two semester hours.
093. **Developmental Writing**--A course providing extra instruction for students who demonstrate writing skills below the college level. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also practice organizing and developing essays. Not applicable toward the 128 hours required for a degree. One semester hour.
- 101-102. **Humanities**--An interdisciplinary course involving extensive reading in history, literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.
111. **Humanities: The Ancient Near East and Classical Greece**--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture to 336 B.C. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
112. **Humanities: The Hellenistic World, Ancient Rome, and the Middle Ages**--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 336 B.C. to 1300. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
113. **Humanities: The Late Middle Ages, Renaissance, and Reformation**--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 1300 to 1563. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
114. **Humanities: The Late Renaissance and Seventeenth Century**--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 1563 to 1715. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, Organizational Management students, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.
200. **Humanities European Study Tour**--A study tour of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to

the travel students complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

201-202. Humanities--A continuation of the program of Humanities 101-102 from the Eighteenth Century through the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester.

Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

490. Reading and Research in the Area of Humane Learning--An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an undergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.

AFFILIATE PROGRAMS IN HUMANITIES

HUMANITIES--PHILOSOPHY HUMANITIES--FOREIGN LANGUAGE

FOREIGN LANGUAGE*

(Min. 18 hours)

211-212 Intermediate

12 hrs. of upper level language
courses

PHILOSOPHY

(Min. 18 hours)

321 Ethics

301-302 History of Philosophy
300-400 Electives

**Language emphasis available in French, German, or Spanish*

Twenty-four hours of junior and senior level course work in the Area of Humane Learning will be determined by the student's committee. (Junior and senior level history and Bible courses may be included.) Must include at least three hours of Humanities 490.

The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for students seeking careers in music and to promote understanding and enjoyment of music in the College at large. Milligan College offers both a major and minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, or organ for a primary area of concentration and must complete applied Level VIII requirements and

present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled in an ensemble each semester that they attend Milligan College except during the semester of directed teaching. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music and ensemble discussed above. The music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. In addition, the music student wishing to certify to teach shall take Music 451, 452, and Education 102, 153, 408, 451, and 452.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates are trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches will broaden the student's musical and spiritual education while helping local congregations build their music programs. The Church Music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491 for six hours. Twelve hours of applied music with a proficiency examination and seven hours of ensemble will be required. The Church Music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The general music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester counts as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

Hearings for senior recitals are held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

APPLIED MUSIC

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration are required to take voice class but are not required to pass a voice proficiency.

PIANO

- 101. Piano (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 102, 103-202, 203. Piano (as a secondary concentration for music majors and minors)**--Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 104, 105-304, 305. Piano (as a principal concentration for music minors)**--Preparation toward attainment of Level VI and completion of Proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 106, 107-406, 407. Piano (as a principal concentration for music majors)**--Preparation toward attainment of Level VIII and completion of junior and senior recitals.
- Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
- 208. Piano Proficiency (for music majors)**--A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
- 308. Piano Proficiency (for music minors)**--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.
- 309. Piano Recital - (junior level)**--One half-hour performance. No credit.
- 409. Piano Recital - (senior level)**--One hour performance. No credit.

VOICE

- 110. Voice Class**--A study of the rudiments of vocal music, breathing, correct body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.
- 111. Voice (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 112, 113-212, 213. Voice (as a secondary concentration for music majors and minors)**--Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 114, 115-314, 315. Voice (as a principal concentration for music minors)**--Preparation toward attain-

- ment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 116, 117-416, 417. **Voice (as a principal concentration for music majors)**--Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
218. **Voice Proficiency (for music majors)**--A test of general accomplishment in the music major's secondary applied concentration.
318. **Voice Proficiency (for music minors)**--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
319. **Voice Recital - (junior level)**--One half-hour performance. No credit.
419. **Voice Recital - (senior level)**--One hour performance. No credit.

ORGAN

121. **Organ (as an elective)**--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.
- 122, 123-222, 223. **Organ (as a secondary concentration for music majors and minors)**--Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 124, 125-324, 325. **Organ (as a principal concentration for music minors)**--Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.
- 126, 127-426, 427. **Organ (as a principal concentration for music majors)**--Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.
228. **Organ Proficiency (for music majors)**--A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.
328. **Organ Proficiency (for music minors)**--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.

Handbook for details) must be completed before graduation. No credit.

- 329. Organ Recital - (junior level)--**
One half-hour performance. No credit.

- 429. Organ Recital - (senior level)--**
One hour performance. No credit.

INSTRUMENTAL

Instrumental Instruction. Individual instruction in orchestral instruments is available through East Tennessee State University (see page 36).

- 439. Instrumental Recital - (senior level)--** One hour performance. No credit.

THEORY

- 041. Music Theory Fundamentals--**
A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.

- 143-144. Basic Music Theory--**A course in beginning written theory and keyboard. Three semester hours each semester.

- 145-146. Basic Ear Training--**A course covering chord identification, dictation, sight-singing, and keyboard. One semester hour each semester.

- 243-244. Advanced Music Theory--**A course in advanced concepts in music theory and keyboard. Pre-

requisite: Music 143-144. Three semester hours each semester.

- 245-246. Advanced Ear Training--**A course in advanced study of material similar to 145-146. One semester hour each semester.

- 347. Form and Analysis--**A study of major forms of music. Two semester hours.

- 348. Orchestration and Arranging--**
A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

METHODS AND SEMINARS

351. **Music in the Elementary School**--Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.
451. **Methods and Materials for Elementary Music**--A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.
452. **Methods and Materials for Secondary Music**--A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.
456. **Seminar**--Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.
491. **Practicum in Church Music**--Applied music experience in an approved church music program. Two to six semester hours.

CONDUCTING AND HISTORY

363. **Basic Conducting**--A study of conducting patterns, elements of interpretation, and practice in sight-singing. Prerequisite: Music 143 and 145. Two semester hours.
364. **Advanced Conducting**--Choral conducting, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.
365. **Music Appreciation**--Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.
- 367-368. **Music History and Literature**--A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.
369. **Hymnology**--A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

ENSEMBLES

Ensembles are considered the music laboratory for all music majors and minors and are to be taken each semester of the student's college career, except during Directed Teaching or Church Music Practicum. Placement in an ensemble is determined by an audition.

181. **Milligan Men**--An ensemble of selected voices studying representative literature. One semester hour.
182. **Women's Ensemble**--An ensemble of selected voices studying representative literature. One semester hour.
183. **Handbells**--An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.
184. **Concert Choir**--A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.
185. **Symphonic Wind Ensemble**--An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.
186. **Chamber Singers**--A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.
187. **Madrigal Productions**--A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. One-half semester hour.
189. **Orchestra**--Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

COMPREHENSIVE EVALUATIONS

199. **Freshman Comprehensive**--A test of general accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.
299. **Sophomore Comprehensive**--A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students who choose a minor in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

- 301. History of Philosophy (Ancient)**--A study of philosophy from the Greeks through Augustine. Three semester hours.
- 302. History of Philosophy (Modern)**--A survey of the more important philosophical systems of the Western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.
- 321. Ethics**--A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.
- 350. Comparative Religions**--See Religion 350.
- 351. Philosophy of Religion**--A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.
- 489. Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



Area of Professional Learning



Dr. Julia G. Holmes
Ms. Carolyn W. Carter, Co-Chairs

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, education, and the legal assistant studies are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal education. Study in any one of these professional fields prepares the qualified student for graduate study.

Any courses counting toward a major may not also count toward a minor or a second major.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (controllershship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311-312, 411 or 415, and three semester hours of accounting electives at the junior or senior level. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level. Business administration majors with an accounting minor are required to take twelve hours of business electives in place of Economics 201-202 and Accounting 211-212.

Students planning to become Certified Public Accountants should be aware that many states have made substantial changes in their educational requirements for persons desiring a CPA Certificate. These requirements vary in their specific requirements from state to state but must be met before the applicant's first sitting for the Uniform CPA Examination. Students should check the exact requirements for the particular state in which they intend to seek certification. For example, the State of Tennessee requires a total of 150 semester hours which is an additional 22 semester hours beyond the 128 needed for a bachelor's degree in accounting at Milligan

College. Students intending to become CPA's are encouraged to consult with their advisers early in their college career.

211-212. Introductory Accounting--An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

301-302. Intermediate Accounting--A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

311. Cost Accounting--A study of the use of accounting information for managerial decisions with emphasis on the role of the controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

312-313. Auditing--A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Three semester hours each semester.

315. Not-For-Profit Accounting--A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite:

Accounting 211-212. Three semester hours.

411-412. Federal Income Taxation--An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

415. Advanced Accounting: Theory--A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems--A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also has substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

491. Field Work--A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree is offered with a choice of emphasis which allows the student to complete a strong core curriculum in business, accounting, and economics and to have one of five specialties allowing for in-depth study in a specific field. A grade point average of 2.25 is required for the major. Students majoring in business administration with an accounting emphasis may not minor in accounting.

REQUIRED CORE COURSES (24)

Economics 201-202
Accounting 211-212
Economics 301

Business Administration 315
Business Administration 361
Computer Science 280

EMPHASIS

General (9)
Any nine hours of
Economics, Business,
or Accounting

Marketing (9)
Bus. Adm. 304
Bus. Adm. 311
Bus. Adm. 316

Management (9)
Bus. Adm. 362
Bus. Adm. 375
Bus. Adm. 445

Economics (9)
Economics 304
Economics 403
Economics 451

Accounting (9)
Acct. 301-302
Acct. 311

The Business Administration and Economics minor consists of twenty one semester hours including Accounting 211-212, Economics 201-202, Computer Science 280, and six hours of business, accounting, or economics electives at the junior and senior level. Accounting majors with a business administration and economics minor are required to take twelve hours of business electives in place of Economics 201-202 and Accounting 211-212.

BUSINESS ADMINISTRATION

- 290. Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Advertising**--A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Three semester hours.
- 311. Industrial and Public Relations**--A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.
- 315. Marketing**--A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.
- 315L. Computer Projects in Marketing**--A computer applications laboratory focused on the major marketing decision areas using "What if" analysis. Must be taken with Business Administration 315. One semester hour.
- 316. Marketing Communications**--A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.
- 321-322. Business Law**--A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.
- 332. Management Information Systems**--A study which integrates topics of management and organization theory, information and communication theory, and systems theory relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 280. Three semester hours.
- 361. Principles of Management**--A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.
- 362. Personnel Management**--A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.

362L. Computer Projects in Personnel Management--A computer applications laboratory focused on areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Must be taken with Business Administration 362. One semester hour.

375. Small Business Management--A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Three semester hours.

421. Business Ethics--A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this

course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.

445. Advanced Organizational Theory--A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.

491. Field Work--A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

201-202. Principles of Economics--A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not

now covered in a single course. Not open to freshmen. One to three semester hours.

301. Corporate Finance--A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.

- 304. Government and Business--**See Political Science 304.
- 360. The U.S. Economy--**A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.
- 403. Money and Banking--**A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Three semester hours.
- 451. Comparative Economic Systems--**A comparative and analytical study of capitalism, socialism, and communism as they have developed in the countries whose economies they characterize. Prerequisite: Economics 201-202. Three semester hours.
- 495. Seminar--**A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The Computer Science program at Milligan is designed to teach the relationship of the computer to the contemporary world. It is composed of courses in computer science and computer applications.

Courses required for a major in computer science are Computer Science 211, 212, 316, 317, 341, 343, 411, 431, and three hours of electives in computer science chosen from Computer Science 104, 213, 322, 332, or 495 with permission of the instructor; Business Administration 421; Economics 201, 202; Math 213. Economics 201 and 202 and Math 213 meet the general core requirements.

The minor in computer science consists of Computer Science 211, 213, 280, 341, 411, and three hours of electives in computer science chosen from Computer Science 104, 212, 322, 332, 343, or 495 with permission of the instructor; Business Administration 421; and Math 213. Math 213 meets the general core requirement. A proficiency test is available for Computer Science 104 and 211 for those students who already have knowledge in these areas.

- 100. Introduction to the Computer--**An overview of the computer as it can be used in our everyday lives. Laboratory use of a computer is an integral part of the course. Not applicable toward a computer science major or minor. One semester hour.
- 104. BASIC Programming--**An introduction to programming in BASIC with applications in business, science, social sciences, and education. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Three semester hours.
- 131. Keyboarding--**Mastery of the keyboard. Emphasis is placed upon

accuracy, speed, and continuity of movement. This course is designed for the individual who desires basic typing skills for personal use or for use on the computer keyboard. Not applicable toward a computer science major or minor. One semester hour.

211. Programming I--An introduction to all aspects of programming and the problem-solving process. A structured high-level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Three semester hours.

212. Advanced Programming and Data Structures--A continuation of Programming I, using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion, search/sort methods, graphics, and data structures. Topics will include lists, stacks, queues, linear structures, and trees. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.

213. COBOL--A study of programming techniques appropriate to the preparations of business oriented computer systems using the COBOL programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.

275. Word/Information Processing--A study of the current state-of-the-art information processing equipment and concepts. This course surveys current practices and also

involves "hands-on" experience with a popular word processing package. Prerequisite: Computer Science 131 or equivalent. Three semester hours.

280. Computers and Applications--A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Prerequisite: Computer Science 131 or equivalent. Three semester hours.

316. Computer Architecture--An introduction to computer architecture including the hardware and software of a modern computing system. Attention is given to operating system components including I/O handling, memory management, interrupt handlers, assemblers, linkage editors, data and instruction representations, trouble-shooting, and maintenance of microcomputers. Prerequisite: Computer Science 212. Three semester hours.

317. Assembly Language--The assembly language of a microcomputer including the instruction set, pseudo-operations, macros, conditional assembly, object code, dumps, coding and linkage conventions, addressing techniques, and use of the assembler. Prerequisite: Computer Science 316. Three semester hours.

322. Survey of Programming Languages--A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 211. Three semester hours.

332. Management Information Systems--See Business Administration 332.

- 341. Systems Analysis and Design**--A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.
- 343. System Documentation**--A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Prerequisite: Computer Science 341. Two semester hours.
- 411. Database Management**--A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 341. Three semester hours.
- 431. Operating Systems**--A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multi-programming and timesharing, command languages and JCL, libraries and linkage editors, and multi-user systems. Prerequisite: Computer Science 212. Three semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT STUDIES

The purpose of the Legal Assistant Program is to prepare students to function as paralegals. Legal assistants work with attorneys but are not authorized to practice law. They must not take cases, appear in court to represent clients, set fees, or give legal advice. Legal Assistants work under the supervision of attorneys, who are ultimately responsible to the client.

The program is available either as a two-year certificate program or as the major in a bachelor's degree program.

Objectives of the program are as follows:

1. Graduates should be not only technically proficient but qualified to contribute to the advancement of the legal profession through broad understanding of the field. Such graduates should be able to contribute to the legal profession in a wide geographical area, since the College draws from more than twenty-five states in a typical year.
2. Graduates should be instructed in and encouraged to develop attitudes consistent with the general principles of ethical legal practice.
3. Graduates should be aware of the origin and direction of the paralegal field and be prepared to contribute to the development of the profession.

4. Graduates should be sensitive to the emerging concepts of the role of the legal assistant in the effective delivery of legal services in both the public and private sectors of society.

The Legal Assistant major requires the completion of thirty-three hours including Legal Assistant 110, 210, and 310 plus twelve hours of legal technical courses chosen from the following: Legal Assistant 320, 340, 350, 355, 360, 410, 420, and 430. Paralegals select Legal Assistant 491 for three to six hours and six to nine hours of such law-related courses as the following: Business Administration 321, 322, 421; Sociology 311; Economics 301; or any accounting courses. In addition to the specific courses required in the major, the student must have Psychology 357, Computer Science 280, and a 3.0 in English composition. To continue in the program, the student must have a 2.50 grade point average at the beginning of the junior year and a 2.75 at the beginning of the senior year.

The certificate program requires the completion of the major plus thirty hours of general education, including Bible 123 and 124. The student must have a 2.75 cumulative grade point average in order to receive the certificate. Baccalaureate students use the paralegal program as a major, select a minor, and complete all College general education requirements.

- 110. Introduction to the Legal Assistant Field--**A survey of the rise, development, and present status of the profession. Included are visits to law offices and courts and contact with paralegal associations and court officials. The course is designed to allow the student to gain an initial familiarity with the field. Two semester hours.
- 210. Legal Research and Writing--**An introductory course in legal research, including the preparation of legal pleadings, complaints, motions, petitions, orders, judgments, and correspondence. Three semester hours.
- 211. Legal Research and Writing II--**A continuation of Legal Assistant 210 emphasizing research skills and the application of these skills in the preparation of legal documents. Also considered are the preparation of legal memoranda and various kinds of documents required in a lawsuit. Three semester hours.
- 310. Litigation--**A consideration of the various aspects of pretrial and trial procedure including rules of the court procedure, pleadings, discovery, motions, pretrial conference, settlement, and conduct of the actual trial. Three semester hours.
- 320. Domestic Relations--**A study of the legal forms and procedures involved in family law: divorces, legal separations, annulments, adoptions, support agreements and enforcement, property division, and related problems. Three semester hours.
- 340. Business Organizations--**A consideration of the forms and techniques involved in the creation, management, and dissolution of corporations, partnerships, and joint ventures. Included are articles of incorporation, corporate charters, bylaws, requirements of initial meetings, stock subscriptions, and partnership agreements. Three semester hours.
- 350. Torts--**A study of the legal concepts and procedures with which the paralegal must be familiar in order to assist the attorney in developing cases involving negligence, malpractice, and product liability. Three semester hours.

355. **Criminal Law for Legal Assistants**--A study of the role of the legal assistant in assisting the criminal lawyer in investigating, interviewing, researching, and organizing the case. Basic concepts of criminal law and the criminal justice system, to the extent such knowledge is necessary for a paralegal to function effectively, are also considered. Three semester hours.
360. **Real Estate Law**--The study of real estate law concepts, forms, and vocabulary. The student becomes familiar with real estate documents, title abstracting, real estate loans, and closing documents. Three semester hours.
370. **Administrative Law**--Consideration of the unique character of legal practice before administrative agencies in such areas as environmental protection, telecommunications, labor law, occupational health and safety. Particular emphasis is placed on Social Security and Veteran's Affairs matters. Three semester hours.
410. **Estates, Wills, and Trusts**--A study of the legal requirements and forms of wills, basic estate planning, estate administration, and probate procedures. Also included are the creation of trusts and their administration and the requirements and procedures for handling state and federal estate and inheritance taxes. Three semester hours.
420. **Contract and Uniform Commercial Code Forms**--A consideration of the forms and requirements of a valid contract, with special emphasis on commercial forms, such as security agreements, financing statements, perfection of security interests, and purchase and shipping agreements. Recommended prerequisite: Business Administration 321-322. Three semester hours.
430. **Debtor/Creditor Relations**--A consideration of the forms and procedures incident to Article 9 of the Uniform Commercial Code plus types of bankruptcy and their relevant forms and procedures. Three semester hours.
491. **Field Work**--Supervised field work in various law offices and legal agencies, designed to give the student broad exposure and initial practical competencies. Three to six semester hours.

ADULT EDUCATION PROGRAMS

Milligan College offers a Business Administration major for adults twenty-five years and older who have completed sixty or more semester hours of college credit. The program includes a forty-two semester hour major which can be completed in about eighteen months. Degree candidates must also complete the College's general education core of humanities, social and behavioral sciences, natural sciences, and Bible as well as an appropriate number of elective courses. A limited amount of credit may be earned for documented college-level prior learning. Classes in the major meet one night per week in modules of five to six weeks each; a sequence of these modules begins twice each year.

Two majors are administered in the Office of Adult Education Programs: the Business Administration Major for Adults and the Organizational Management

Program. Although no new students can be admitted into the Organizational Management Program, qualified applicants are encouraged to apply for admission into the Business Administration Major for Adults. Inquiries should be addressed to the Office of Adult Education Programs.

Courses required in each major are listed below.

BUSINESS ADMINISTRATION MAJOR FOR ADULTS

- 100. Adult Student Seminar--**This course is designed as a transition back to the classroom for those students who have been away from college for a while or for the adult student who is new to Milligan College. This course focuses on the economic, psychological, and sociological forces which strengthen the relationship between lifelong education and the skills needed in the workplace. Writing skills, learning style assessment, and an examination of thinking skills are also emphasized. Three semester hours.
- 361. Principles of Management and Supervision--**An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours.
- 315. Principles of Marketing--**A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. A computer applications laboratory focuses on the major marketing decision areas using "what if" analysis. Four semester hours.
- 313. Business Statistics--**A study of data analysis and statistical inference as well as various statistical methods. Basic statistical methods are applied to specific business problems. Four semester hours.
- 415. Contemporary Economics--**An examination of the economic framework in which financial and business management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payment deficits, and unemployment. Included are a rapid survey of existing economic systems and a brief history of economic thought. A project involving the analysis of a current economic issue is also included. Four semester hours.
- 320. Managerial Accounting I--**An analysis of costing techniques and applications used to aid management decision-making. Topics include budgeting, standards, and cost systems. Two semester hours.
- 321. Managerial Accounting II--**A continuation of BADM 320 Managerial Accounting I. Two semester hours.
- 301. Corporate Finance--**A study of the basic financial structure of the corporate type of business enter-

prise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. A computer application laboratory focuses on the major financial decision areas. Prerequisites: BADM 320 and 321. Four semester hours.

- 361. Human Resource Management--**A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. The computer applications laboratory focuses on the areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Four semester hours.

- 410. Group and Organizational Behavior--**A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolution. A significant written project is included as a part of this course. Four semester hours.

- 375. Small Business Management--**A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Four semester hours.

- 304. Advertising--**A study of the principles of advertising along with its function and aims in business.

Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. A project requiring the development of appropriate advertisements is included as a significant part of this course. Four semester hours.

- 363. Public Relations--**A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Students are expected to examine and orally report upon a contemporary issue in public relations. Four semester hours.

- 316. Marketing Communications--**A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Students are required to provide an oral report concerning their project development. Four semester hours.

- 471. Christ and Culture--**A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Prerequisites: Bible 123 and 124. Three semester hours.

ORGANIZATIONAL MANAGEMENT PROGRAM

- 301. Adult and Professional Development--**An examination of adult learning theory and learning styles. Professional development is analyzed in terms of needs, goals, lifestyles, and future career trends. One semester hour (three weeks).
- 460. Research Methods - Part I--**A project which provides students the opportunity to use library resources, including a computerized literature search, in preparation for a major research project. Each student analyzes a problem in the business/organizational environment. Part I includes the conceptualization of the problem and the application of the appropriate research methodology to examine possible solutions. Two semester hours (three weeks).
- 310. Interpersonal Communication--**A study of the role of interpersonal communication in professional and personal relationships. Such skills as listening, attitude development, conflict resolution, and problem solving provide the focus for reading and practice. Three semester hours (six weeks).
- 313. Statistical Methods and Research--**A study of problem analysis and evaluation techniques. Basic statistical methods are applied to specific research projects. Three semester hours (five weeks).
- 410. Group and Organizational Behavior--**A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolution. Three semester hours (five weeks).
- 415. Economic Environment of Management--**An examination of the economic framework in which financial and business management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payments deficits, and unemployment. Three semester hours (five weeks).
- 361. Principles of Management and Supervision--**An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours (six weeks).
- 363. Human Resources Management--**An exploration of the policies of recruitment, selection, training, development, and compensation of employees. Attention is given to Affirmative Action, Equal Employment Opportunity, and Office of Safety and Health Administration legislation. Three semester hours (five weeks).
- 421. Ethics: Social/Business/Personal--**A study of ethical theories and their application to business, social, and personal values. The experience provides students the opportunity to formulate or clarify a philosophy of life and a personal ethic for decision-making in the work place. Three semester hours (five weeks).
- 471. Christ and Culture--**A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Three semester hours (six weeks).
- 461. Senior Thesis - Part II--**A continuation of Organizational Management 460 focusing upon the solutions to the research problem and the details of implementation. One semester hour - Senior Thesis/Oral Presentation; three semester hours - Senior Thesis.

CONTINUING EDUCATION

Short, non-credit courses are offered during the fall, spring, and summer to those adults who wish to acquire new skills or who wish to update or expand existing abilities. Popular courses include computer applications like WordPerfect, Lotus, and Microsoft Word and other topics such as Sign Language. Students who wish to enroll in a Continuing Education course are not required to seek admission into the College. For further information, contact the Office of Adult Education Programs at (615) 461-8782.

EDUCATION

The program of teacher education is designed to serve students who wish to be licensed for teaching elementary, secondary, and/or exceptional children. Education courses also give the Christian education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters students complete fifteen weeks of full-time student teaching and attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Milligan College students make application for teacher education while enrolled in the Introduction to Teaching class. Students must have a 2.5 grade point average, complete the Pre-Professional Skills Test (PPST) with Tennessee approved scores, and be accepted by an admission board for full admission to teacher education. Students who have at least a 2.25 grade point average and have passed at least two of the PPST subtests may have provisional admission. The PPST is given each semester. Students with an Enhanced ACT score of 22 or an SAT score of 920 may be exempt from taking the PPST.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that the student should not continue in the program, he or she may be required to withdraw before completion.

Licensure

Milligan offers curricula for licensure issued by the State of Tennessee for elementary teachers, secondary teachers, and special education teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to licensure in many states throughout the nation.

National Teacher Examination

Students in the teacher education program are required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 102, 153, 407 or 408, and Psychology 252. Elementary education students should have completed methods courses, and secondary students should have completed Education 471. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only fifteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education asks for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience consists of orientation classes and a fifteen week experience in an assigned school. The students observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.

Special Arrangements of Education Courses

Elementary education students should plan to enroll simultaneously in three courses: Education 315, 316, and English 354. A five-day-a-week, three-hour period is scheduled for these courses. In the activities of these courses students have an intensive time of instruction, a time for a clinical diagnosis and teaching of one child with reading problems, and a time to work with a reading group in the school.

Elementary Education Areas of Concentration

Milligan College offers Elementary Education programs for grades K-8 and 1-8. Elementary education teacher education students build their professional education preparation around an academic sequence of courses which is called an area of concentration at Milligan College. The area of concentration for Elementary Education K-8 is Child Development which has an early childhood emphasis. The Child Development concentration consists of Education 341 and 344; Sociology 201 and 303; Psychology 250, 252, 259, 353, 357, 404, and an elective in psychology.

The Elementary Education 1-8 areas of concentration are Bible Studies, Social Studies, Mathematics, Science, Foreign Language, and Language Arts.

The Bible Studies concentration consists of Bible 123, 124, 201, 202, and 471; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 201, 210, 303; Geography 201; and 12 hours of electives from Sociology, Psychology, Economics, History, Geography, or Political Science. The student obtaining licensure in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 103, 104, 111, 112, 211, 213, 304 and Computer Science 104. The Science concentration includes Biology 110, 350, 360; Physics 104; and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 150, 151, 170, 171; and Physics 203, 204. Both biology and physical science should be represented in this choice. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311 and 402; Theatre Arts 151 or 340; 6 hours of literature from Humanities; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary education students have as their academic advisers the Director of Teacher Education and a professor from their chosen area of concentration or second major.

Components of Elementary Education

The elementary education program is a degree program which includes, in addition to the selected area of concentration, general education courses and professional education courses. These courses were selected by the Milligan College faculty in response to a list of required knowledges and skills developed by the Tennessee Department of Education.

General education requirements: Bible 123, 124, 471; Theater 101; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; Geography 201 or 202; Sociology 201; and Health and Physical Education 101 and either 111 or 411; and 1 hour of Physical Education activities.

Professional courses of the program consist of Math 103 and 104; Art 311; Health and Physical Education 303; Biology 350; Music 351; English 354; and Education 102, 153, 315, 316, and 407.

Elementary Education Licensing

Students who have completed the Elementary Education program must take the education semester courses in order to obtain licensure as an elementary teacher. The courses included in the education semester are Education 451 and 452.

Secondary Education Curriculum

The program for licensure in secondary education is designed for those interested in a teaching career at the middle school or high school level. Students completing the licensure also complete an academic major and an academic minor. The following areas are licensure endorsement areas: Biology, Business, Chemistry, Economics, English, General Science, History, Mathematics, Psychology, Sociology, French, and German. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, licensure in secondary education requires completion of the following: Psychology 252 and professional education courses including Education 102, 153, 408, 451, 452, and 471. An English major must complete Education 317.

K-12 Curriculum

Music, Health, and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses.

Special Education Curriculum

Milligan College offers a noncategorical special education curriculum with emphasis in learning. The curriculum combines the knowledge and skills required to meet the Tennessee Guidelines for Comprehensive and Modified Programs. Graduates of the Milligan College special education program are prepared to teach both severely and mildly handicapped children. Practica include experiences with learning disabled, mentally retarded, physically handicapped, emotionally disturbed, and gifted children. Since the program is closely related to psychology, the curriculum is organized to include a variation of the psychology major. Special education requirements include Math 103, 213; Education 102, 153, 231, 315, 316, 332, 333, 337, 338, 451, 452; Health and Physical Education 406; Sociology 201, 303; Psychology 250, 252, 259, 353, 357, 358, and 454.

Those who desire licensure in both elementary education and special education may combine the social studies concentration and special education courses (Education 231, 332, 333, 337, 338; Health and Physical Education 406; Psychology 357 and 454) in lieu of the modified psychology major.

Associate in Science in Education

The Associate in Science in Education degree program qualifies persons to be caregivers at the associate level in organizations which serve handicapped children and adults. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123 and 124; Humanities 101 and 102; Theatre 101; Mathematics 103; Sociology 303; Physical Education 101 and 209 (for one hour credit only); Psychology 100, 252, and 357; Education 231, 315, 316, 332, 333, 334, 337, 338, and 341.

102. **Computers in Teaching**--Computer application for use in the K-12 classroom and for the teacher's record keeping and research. One semester hour.
153. **Introduction to Teaching**--A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings will be included. Two semester hours.
231. **Psychology and Education of Exceptional Children**--An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.
252. **Developmental Psychology**--See Psychology 252.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
315. **Introduction to Reading**--A study of the reading process as it is presented in schools. The course will include the related factors involved in reading such as language arts, vocabulary development, comprehension skills, and study skills. Three semester hours.
316. **Diagnosis and Remediation in Reading**--A study of the diagnosis of reading skills and the objectives, methods, and materials for the correction of reading difficulties. Direct contact with children in tutorial and group teaching situations is included. Three semester hours.
317. **Secondary School Reading**--A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Three semester hours.
332. **Learning Problems of Exceptional Children**--A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests will be included. Three semester hours.
333. **Educational Procedures for Exceptional Children**--Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.

334. **Practicum in Special Education**--A student practicum in a special education classroom. Three semester hours.
337. **The Mentally Retarded Child**--A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.
338. **The Multiple Handicapped Child**--The nature and needs of individuals with severe, profound, and multiple handicaps with emphasis on basic educational approaches and on the roles of federal, state, and local agencies in providing services to this population. Three semester hours.
341. **Early Childhood Education**--A study of philosophical and theoretical foundations of early childhood education. Child study and observation in an off-campus kindergarten are required. Three semester hours.
343. **Early Childhood Practicum**--A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.
344. **Literacy in Young Children**--The development of literacy during the early years 0-8. The course includes the study of environmental influences and methods that enrich or delay emerging literacy and language. Group activities for early childhood programs are explored. Three semester hours.
407. **Middle Grades Foundations**--History, philosophy, and social foundations of middle grade education. Also included is a discussion of the curriculum, learning styles, language learning, and characteristics of the children of the middle grades. Field experience included. Three semester hours.
408. **Secondary School Foundations**--History, philosophy and social foundations of secondary education. Characteristics of adolescents, legal aspects of teaching, organization of schools, and the curriculum of secondary schools will be discussed. Three semester hours.
451. **Seminar in Student Relations and Special Education**--A seminar discussion of classroom management. Characteristics of mainstreamed handicapped students are described. The seminar must be taken during the semester of directed teaching. Three semester hours.
452. **Student Teaching: Practicum in Teaching Skills**--A practicum in lesson planning and instruction. An extensive orientation prepares the student for a fifteen week student teaching program which includes the perfecting of the planning and instruction skills in the classroom setting. Included for K-12 and secondary students is a discussion of reading in the content area. Twelve semester hours.
471. **Materials and Methods in Specific Subject Areas**--Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MASTER OF EDUCATION PROGRAM

The Master of Education degree is a fifteen-month professional educational program which prepares teachers for the high level of competence expected by public and private educational institutions. This program increases both the quality and quantity of the educational experiences for teachers in all three areas of teacher training: general education, specialty studies, and professional education.

The M.Ed. program is designed for (1) students who have a bachelor's degree with a strong general education component, some specialty or endorsement area, and some introduction to educational methods and for (2) licensed teachers who have a bachelors degree and teach at the elementary or secondary level. For those students without licensure, the program consists of 45 semester hours which include licensure; for those already licensed, the requirements consist of 36 semester hours. Either group may finish the program in two summers and one academic year (i.e. fifteen months).

Goals of the Master of Education Degree

Special goals for the graduate program at Milligan College are as follows:

1. To provide students with research techniques and projects which will be focused toward professional development.
2. To provide opportunity for review of current literature related to the theory and practice of teaching.
3. To provide knowledge of student characteristics to support the instruction and management responsibilities of the teacher.
4. To increase the professional competencies of both elementary and secondary teachers at the preservice and the inservice levels.
5. To promote the professional studies at the graduate level to allow more opportunity for liberal arts and teaching specialty studies at the undergraduate level.
6. To encourage creativity in curriculum designing to include lesson planning, subject matter presentation, and classroom leadership.
7. To provide a sound foundation for further graduate study.

ACADEMIC AND FINANCIAL INFORMATION

Financial Information

Tuition is \$130 per semester hour for the 1993-94 school year. Financial aid is available through supplemental loans for students, guaranteed student loans, and teacher loan scholarships (for those seeking certification in math, science, art, or music). A non-refundable application fee of \$20.00 is required with the application.

Library

The P.H. Welshimer Library supports the academic program by providing research materials in all subject areas.

More than 100 journals and periodicals are included in the Education Index and the Current Index to Journals in Education. The Library holds the collection of ERIC documents on microfiche from 1986 through the present and indexing to all ERIC documents from 1966 to the present. The Library also subscribes to EasyNet gateway service which gives faculty and students access to over 850 data bases. Membership in the Southeastern Library Network gives access to the inter-library loan sub-system.

Curriculum Center

The Curriculum Center houses a textbook collection, teacher aide materials (including games and manipulative materials), curriculum guides, and professional books. Also included are films, filmstrips, video and audio tapes, and records. A work space, including four computers, is a part of this center. Educational equipment, including 16mm projectors, filmstrip projectors, slide projectors, and video cameras and recorders are housed in the Library. A complete set of audio-visual equipment is stored in both the Curriculum Center and the classroom where teacher education classes meet. The Curriculum Center has a transparency maker, a laminating press, and an opaque projector.

Computer Services

Milligan College provides two computer labs. One lab is located in the Library and contains twenty PC's. A second lab is located in Derthick Hall and contains nine PC's. Also located in Derthick Hall is a third lab which contains five Apple computers. The labs are available for student usage unless a scheduled class is in session.

Full Standing

The minimum requirements for admission to the M.Ed. program are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of at least 2.75 or an overall undergraduate grade point average of at least 2.5 and a minimum score at the 35th percentile (National Norms) on the Miller Analogies Test.

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Two completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Miller Analogies Test score.

Students who do not meet the above requirements may be classified into one of the following categories:

Provisional Standing

The minimum requirements for provisional standing are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of 2.25 or a minimum score at the 25th percentile on the Miller Analogies Test (National Norms).

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Two completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Provisional standing may be changed to full standing if the student achieves a grade point average of 3.0, has no grade less than a B- on the first nine hours of graduate work counted toward graduation, and scores no less than the 25th percentile on the Miller Analogies Test.

Special Standing

Students who declare a non-degree graduate objective or transient students who have been admitted to graduate schools of other institutions are assigned to Special Standing. Non-degree status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives. When a student in non-degree status has been reclassified to Provisional or Full Standing at Milligan College by the Academic Dean and the Director of Teacher Education, a maximum of nine semester hours of Special Standing credit may be counted toward a degree objective.

Transient students may enroll with special admission status. Each applicant must provide the Graduate Office with a completed application for admission and a letter of approval from the Academic Dean or Registrar from the student's home institution.

Admission to Candidacy

Graduate students must make application for admission to candidacy immediately following the completion of twelve semester hours of graduate credit at Milligan College. If application is not made at this time, the student may not be permitted to register for subsequent work until the application is approved. These twelve hours normally include the Introduction to Research Methodology. The requirements which must be met before approval of admission to candidacy are as follows:

1. Achievement of full standing.
2. Completion of at least twelve semester hours of graduate credit at Milligan College with a minimum grade point average of 3.0
3. Completion of undergraduate requirements for teacher licensure as follows:
 - A. Elementary education--(1) basic pattern of liberal arts courses to assure licensure, (2) methods in reading and mathematics or
 - B. Secondary education--(1) basic pattern of liberal arts courses to assure licensure, (2) specific courses in endorsement areas to assure licensure.

Academic Probation and Retention Standards

When a student's cumulative average on courses applied toward the graduate degree falls below 3.0, the student will be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.0, the student's record will be reviewed by the Teacher Education Faculty for possible dismissal from the M.Ed. program. Students earning more than two C's may be suspended from the program.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be transferred from other approved institutions to the Milligan M.Ed. degree program.

Admissions Committee

Admission to the program is determined by an Admissions Committee made up of the Director of Teacher Education and two faculty members.

Admission of Seniors to Graduate Study

An undergraduate student who needs less than a semester or summer term of credit to complete the requirements for the bachelor's degree may be admitted to some graduate classes. If this student appears to be able to achieve provisional or full standing in the graduate program at the conclusion of the semester, the student may enroll in up to six hours of graduate credit to fill out a semester or summer term schedule with the approval of the Academic Dean of the College and the Director of Teacher Education.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within a six-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the teacher education faculty upon the recommendation of the student's graduate advisory committee and the Director of Teacher Education.

Comprehensive Examination

During the final semester of the graduate program each candidate must pass a comprehensive examination conducted by the candidate's advisory committee. Examinations may be oral and/or written. Should the student fail to pass this examination, the student may apply for a re-examination. The faculty may require that additional courses be taken, and they have the option of giving an oral or a written examination to the student.

Grade Requirements for Graduation

Students must attain a 3.0 average for graduation.

Research Project

Students complete a research project which begins in the research class. The project features research related to the school setting of the internship assignment or to the school setting where a student is working as a full-time teacher. There are designated check points established for students to report on their research projects. These projects are presented in a seminar near the end of the student's graduate program.

National Teacher Examinations

Students who have not taken the National Teacher Examination Core Battery Tests and Specialty Area Examinations should complete at the end of their programs these examinations with Tennessee approved scores.

CURRICULUM

The three curricula which lead to the M.Ed. degree include the elementary program, the secondary program, and the program for licensed teachers. The elementary and secondary programs are designed for persons who need licensure to enter the teaching profession. These programs are built upon a strong liberal arts major and minor, including a full year internship and a research project. They require 45 hours of graduate credit.

The program designed for licensed teachers includes (1) a focus on current teacher strategies and curricular development and (2) a social-studies component designed to give the graduate student a greater understanding of the culture of the community, the function of the family, and the teacher's relationship to persons being inducted into the profession. This curriculum requires a research project and 36 hours of credit.

The three models described below may be completed in one year and two summers (fifteen months).

Core Courses (21 hours)

511. Study of Research Methodology	3 hours
512. Research Seminar	3 hours
523. Materials, Media, and Community Resources	3 hours
561. Seminar in Foundations	3 hours
562. School Organization and Law	3 hours
563. Advanced Educational Psychology	3 hours

Elementary Education Courses (24 hours)

520. Classroom Management and Instruction (elementary)	3 hours
530. Survey of Special Education	3 hours
541. Fine Arts Methods	3 hours
542. Health and Physical Education Methods	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Secondary Education Courses (24 hours)

522. Classroom Management and Instruction (secondary)	3 hours
524. Teaching Strategies	3 hours
527. Teaching of Reading in Content Areas	3 hours
530. Survey of Special Education	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Courses for Certified Teachers (15 hours)

520 or 522. Classroom Management and Instruction	3 hours
524. Teaching Strategies	3 hours
526. Mentorship	3 hours
531. Analyzing Community Culture	3 hours
532. Counseling of Children and Families	3 hours
Elective	3 hours

Graduate Course Load

The normal course load for full-time students in the M.Ed. program is nine to twelve hours per semester. In certain cases, the Academic Dean and the Director of Teacher Education may approve a fifteen hour load for exceptional students.

511. **Study of Research Methodology**--A study of problem-solving, research methods, and research design and an introduction to basic statistics used in experimental and descriptive research. The course includes preparation of an acceptable research prospectus for a research project and the review of principles of research interpretation. Three semester hours.
512. **Research Seminar**--Completion of the research study begun in the research methodology course. Students discuss types of data, published research, and principles of research interpretation. Each student reports on his or her own research findings. Three semester hours.
520. **Classroom Management and Instruction (Elementary)**--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.
521. **Test Construction and Interpretation**--A discussion of strategies for constructing teacher-made tests including true-false, matching, multiple-choice, and essay questions. Students learn how to read and interpret standardized test scores for student diagnosis. Three semester hours.
522. **Classroom Management and Instruction (Secondary)**--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.
523. **Materials, Media, and Community Resources**--A study of audio-visuals available to the teacher, including video equipment, computers, and community resources. Three semester hours.
524. **Teaching Strategies in Specific Teaching Areas**--A study of the current curriculum and teaching strategies being used in a specific teaching area. Three semester hours.
525. **Structure of the Curriculum**--A study of current trends in curriculum development. Students learn how to define objectives, plan for improvement, and organize instructional materials. Three semester hours.
526. **Mentorship**--A study of the literature related to mentorship. Students are made aware of modern school practice requiring that teachers develop a mentor relationship with teachers in the induction phase of teaching including both the internship and the first year of teaching. Three semester hours.
527. **Teaching of Reading in Content Areas**--A discussion of secondary reading and study strategies as well as techniques for diagnosis and instruction in reading. Three semester hours.
528. **Teaching Reading**--Current diagnostic strategies and methods for teaching reading including word recognition, word analysis, and comprehension. Three semester hours.
529. **Teaching Mathematics**--A study of the presentation of calculation skills and applied mathematics problem solving appropriate to the elementary schools. Remediation strategies are included. Three semester hours.
530. **Survey of Special Education**--A study of issues and trends affecting special education including attention to characteristics of persons who are exceptional in some way. Three semester hours.

- 531. Analyzing Community Culture**--A discussion of anthropological skills for studying a community. Some discussion of various sub-cultures in the United States is included. Three semester hours.
- 532. Counseling of Children and Families**--A study of counseling principles important to teachers as they interact with children and their families. Three semester hours.
- 541. Fine Arts Methods**--A study of art, music, and drama strategies and techniques useful to the elementary teacher. Three semester hours.
- 542. Health and Physical Education Methods**--Reading and discussion of material related to fitness and health concerns. The course includes instruction related to physical activity and rhythmical activities. Three semester hours.
- 551. Internship**--Full days of teaching and school-based professional growth. In addition to a specific teaching assignment the student may have observations of various school situations, including multicultural, handicapped, rural, and urban settings. Some experiences to develop psychological readiness for the profession are included. Six semester hours.
- 552. Internship**--A continuation of the internship involving greater responsibility in the teaching assignment. Six semester hours.
- 561. Seminar in Foundations**--Student involvement in presentations and discussion related to the historical, philosophical, and sociological background of education. The American theoretical approaches to education are emphasized. Three semester hours.
- 562. School Organization and Law**--A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Specific laws related to schools in Tennessee and in the nation are discussed. Three semester hours.
- 563. Advanced Educational Psychology**--A study of the application of psychological theories and research to classroom setting. Topics covered include student characteristics, mental health, personality, learning theories, group dynamics, motivation, and evaluation. Three semester hours.
- 590. Directed Study**--Research related to a specific educational problem under the direct supervision of an instructor. One to six semester hours.
- 595. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 204 or 205 or 206, 208, 209, 211, 300, 301, 303, 311, 312, 403, 404, 406, and 411. Also required are Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 204 or 205 or 206, 208, 209, 300, 303, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

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| <p>101. Fitness for Life--A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.</p> <p>111. Personal Health--A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.</p> <p>151. Team Sports--Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.</p> | <p>152. Team Sports--Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.</p> <p>153. Golf and Racquetball--Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.</p> <p>154. Beginning Swimming--A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.</p> <p>155. Beginning Badminton and Tennis--A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.</p> |
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- 156. Intermediate Badminton and Tennis**--A study of skills and techniques of play for those beyond the level of beginners. One semester hour.
- 158. Snow Skiing**--Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.
- 159. Horseback Riding**--Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.
- 161. Archery and Racquetball**--Knowledge and skill development in target archery and racquetball. One semester hour.
- 199. Special Activity**--Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.
- 204. Intermediate Swimming**--A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.
- 205. Lifeguarding**--A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.
- 206. Water Safety Instructor Course**--American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.
- 207. Conditioning Exercises and Weight Training**--A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.
- 208. Folk Dance and Rhythmical Activities**--A study of rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.
- 209. Motor Learning**--A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on either the elementary or secondary education level. Two semester hours.
- 211. Community Health**--A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.
- 300. Teaching Secondary School Physical Education**--A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.
- 301. Teaching Individual and Dual Sports**--Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.
- 302. Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer**--A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and under-

- standing of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.
303. **Physical Education for Elementary Schools**--A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.
311. **Safety Education and First Aid**--A course designed to include a wide range of safety programs. The first six weeks are devoted to first aid training including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course includes safety programs for school, community, vocations, and leisure time. One to three semester hours.
312. **Introduction and History and Philosophy of Physical Education**--An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.
403. **Measurement and Evaluation in Physical Education**--An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.
404. **Organization and Administration of Health and Physical Education**--A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.
406. **Adaptive Physical Education**--A study of programs and services for the atypical student at all grade levels. Two semester hours.
409. **Recreational Leadership and Outdoor Education**--A study of recreation programs including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.
411. **Health Education**--A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
490. **Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
491. **Field Work**--A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

Area of Scientific Learning



Dr. Richard D. Lura, Chairman

BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those students interested in biology, but desiring to elect a minor that is not in the sciences. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 151; and four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by students who plan to pursue graduate study in biology, enter a medical field of study, or certify to teach secondary school biology.

Requirements for the Bachelor of Science degree leading to graduate study or pre-professional careers are thirty-two hours in biology which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, and 310; four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213; and Physics 203 and 204.

Requirements for the Bachelor of Science degree with secondary education certification are thirty-two hours in biology which must include Biology 110, 120, 140, 210, 250, 251, and two electives from Biology 360, 380, and 410; a minor in physical science which includes Chemistry 151, 170, 171; Physics 104 and 203; and four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elementary education major, the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are

120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 150, 151, 170, 171, and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses.

No more than four hours credit in either Biology 215, 290, or 490 or a combined total of six hours in the three courses may be applied toward the requirements for a major in biology. Credit in 215, 290, or 490 may not be applied toward a minor in biology.

110. **General Biology**--An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.
120. **Botany**--An intensive survey of plants, algae, and fungi. Prerequisite: Biology 110. Four semester hours.
140. **Zoology**--An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.
210. **Genetics**--A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.
215. **Field Studies in Biology**--An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. **A student may not accumulate more than four hours credit in this course.** This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.
240. **Comparative Vertebrate Anatomy**--A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140 or consent of the instructor. Four semester hours.
- 250-251. **Anatomy, Physiology, and Kinesiology**--A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree which leads to the pre-professional or graduate major in biology. Prerequisite: Biology 110 or consent of the instructor. Four semester hours each semester.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
340. **Animal Physiology**--A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.

341. **Animal Histology**--A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Four semester hours.
342. **Vertebrate Embryology**--A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours.
350. **Science for the Elementary School**--An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.
360. **Ecology**--A study of the relation between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: one semester of biology. Four semester hours.
362. **Vertebrate Field Biology**--A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: one semester of biology. Four semester hours.
380. **Microbiology and Immunology**--A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: permission of the instructor. Four semester hours.
410. **Biogeography**--A study of the biological, geographical, climatological, and geological factors that affect the distribution of plants and animals. The course will attempt to explain how species came to be distributed as they are today and why the taxonomic composition of the biota varies from one region to another. Prerequisite: twelve hours of biology. Four semester hours.
440. **Endocrinology**--A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.
450. **Research Seminar**--A seminar designed to introduce students to principles and methods used in scientific research. A research paper and seminar are required. Prerequisites: major or minor in biology and enrollment in the student's final spring semester. One semester hour.
490. **Research Problem**--Research on special problems in biology under direct supervision of a faculty member. Prerequisite: twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.
495. **Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to four semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The Chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The Chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 170, 171, 202, 203, 301, 302, 401, 402, and four hours of chemistry electives. Mathematics through Mathematics 303 and Physics 203 and 204 are also required.

The Chemistry minor consists of twenty hours including Chemistry 170, 171, 301, 302, and either 202 or 310.

The Physical Science minor consists of twenty hours of science, including Chemistry 151, 170, 171 and Physics 104 and 203.

150. **Inorganic Chemistry for Non-Majors**--A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
151. **Organic and Physiological Chemistry**--A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.
- 170-171. **General Chemistry**--A study of the principles of general chemistry including Qualitative Analysis. Prerequisite: algebra, high school chemistry or Chemistry 150, or consent of the instructor. Students wishing to take this course to fill the laboratory science general education requirement must have the consent of the instructor. Three hours lecture, one hour of recitation, and one three-hour laboratory per week. Four semester hours each semester.
202. **Quantitative Analysis**--A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.
203. **Instrumental Analysis**--An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Three hours lecture and one three-hour laboratory per week. Four semester hours.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **Organic Chemistry**--A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 171. Three hours lecture and one three-hour laboratory per week. Four semester hours.

- 302. Organic Chemistry**--A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three hours lecture and one three-hour laboratory per week. Four semester hours.
- 310. Biochemistry**--A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.
- 311. Organic Qualitative Analysis**--A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.
- 401-402. Physical Chemistry**--The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 171, 202, and Physics 203-204. Four semester hours each semester.
- 405. Inorganic Chemistry**--A systematic study of the elements including atomic structure, bonding, molecular structure, and the periodic table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.
- 490. Research Problem**--Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. The major is designed for students interested in careers in mathematics, teaching, engineering, and computer science. It will prepare students for employment in government or industry, teaching high school, or for graduate study.

For a Bachelor of Arts in mathematics, the major consists of thirty semester hours, which must include Mathematics 211, 212, 303, and eighteen additional hours of math courses at the 200 level or above. Especially recommended are Mathematics 307, 309, and 314.

For a Bachelor of Science in mathematics, the major consists of thirty-six semester hours, which must include Mathematics 211, 212, 303, and twenty-four additional hours of math courses at the 200 level or above. Especially recommended are Mathematics 301, 307, 309, 314, 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics requires twenty-four semester hours which must include Mathematics 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Mathematics 111, 112, 211, 213, and 304 and Computer Science 104.

090. Developmental Mathematics--

An individualized course with emphasis on application of basic operations with whole numbers, fractions, decimals and percents, ratio and proportion, statistics, and measures. Not applicable toward the 128 hours required for a degree. One semester hour.

103. Fundamental Concepts--

A study of the real number system and its field properties, as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on problem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Four semester hours.

104. Fundamental Concepts--

An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Four semester hours.

107. Principles of Mathematics--

An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of

some of the major contributions mathematics has made to civilization. Three semester hours.

111. College Algebra I--

A study of algebraic methods; the natural numbers, the integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; and function theory including domain, range, composition, inverses, and graphing techniques. Three semester hours.

112. College Algebra II and Trigonometry--

A continuation of Math 111 including the study of exponential and logarithmic functions, vectors, and complex numbers. Also included are an in-depth presentation of trigonometric functions: their values, graphs, inverses, and identities; with application to triangles, circles, and some mechanics. Prerequisite: Math 111 or equivalent. Three semester hours.

211. Calculus I--

A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 112. Four semester hours.

212. Calculus II--

A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 211. Four semester hours.

213. **Statistics (Business Administration/Social Studies)**--A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Three semester hours.
290. **Independent Study**--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. **An Introduction to Mathematical Logic**--A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular emphasis on the reading and writing of proofs. Prerequisite: Math 212 or consent of instructor. Three semester hours.
303. **Multivariable Calculus**--A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.
304. **Modern Geometry**--A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Three semester hours.
307. **Linear Algebra**--A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Prerequisite: Math 212. Three semester hours.
308. **Modern Algebra**--A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 301. Three semester hours.
309. **Differential Equations**--A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303 and 307. Three semester hours.
310. **Topology**--A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homeomorphism. Prerequisite: Math 301. Three semester hours.
314. **Probability and Statistics I**--A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 303. Three semester hours.
315. **Probability and Statistics II**--A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.
351. **Mathematical Modeling**--A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 307 and 309. Three semester hours.

- 408. Numerical Analysis--**A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 307, 309, and a computer language. Three semester hours.
- 411. Introduction to Real Analysis--**A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergence of sequences of functions, Lebesgue measure and integration, Riemann-Stieltjes integration, and general measures. Prerequisite: Math 310. Three semester hours.
- 490. Independent Study--**Individual work in mathematics under the direct supervision of an instructor. Prerequisite: twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

NURSING

The Bachelor of Science in Nursing program equips the student with both the liberal arts tradition of Milligan College and the clinical training necessary to sit for the state boards examination of a registered nurse.

The freshman and sophomore years are taken on the Milligan College campus and consist of most of the general education requirements and the prenursing technical courses. The junior and senior years mainly involve the clinical rotations at the sponsoring hospitals.

- 110. Dimensions of Professional Nursing--** An examination of the multiple dimensions of professional nursing. Nursing theories and concepts, professional practice roles, and the processes and skills required in contemporary practice are presented from a holistic perspective. Two semester hours.
- 111. Nursing Arts and Intervention Lab I--** A focus on the development of competencies in basic nursing arts and psychomotor skills required for instituting primary, secondary, and tertiary prevention nursing interventions. Two semester hours.
- 220. Fundamentals of Nursing--** An introduction to the fundamental concepts of holistic nursing and the nursing process. This process is presented as a critical thinking and problem solving tool for identifying and initiating primary, secondary, and tertiary prevention nursing interventions. Two semester hours.
- tional, interactional, and psychomotor skills required for assessing the health status and needs of clients of all ages. Opportunities to practice the assessment modalities of inspection, palpation, percussion, and auscultation will be used to conduct regional and comprehensive physical examinations within the clinical lab setting. Three semester hours.

- 221. Fundamentals of Nursing Clinical Practicum--**A focus on providing students the opportunity to begin to use the nursing process as a critical thinking and problem-solving tool for providing holistic

care to clients in a variety of settings. Emphasis is placed on identifying and initiating appropriate primary, secondary, and tertiary prevention nursing interventions. Two semester hours.

PHYSICS

- 104. Earth and Space Science--**A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.

- 203-204. General Physics/Calculus--**A study of the fundamental principles of mechanics and thermodynamics in the first semester and electricity and magnetism, wave mo-

tions, sound, light, and modern physics in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.

- 290. Independent Study--**Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.





Area of Social Learning



Dr. Robert B. Hall, Chairman

The Social Learning program of Milligan College is designed to provide students a broad and appreciative understanding of people in their social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop students' comprehension of contemporary problems and to motivate them to seek solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in elementary education. In addition to the social studies required of all students and those included in the elementary education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in special education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

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| <p>201. World Geography: The Developed World--A regional survey of the world followed by an in-depth study of North America, Europe, Russia, Japan, and Oceania. Topics include aspects of political, economic, physical, and cultural geography. Three semester hours.</p> | <p>202. World Geography: The Developing World--A regional survey of the world followed by an in-depth study of Latin America, Africa, Middle East, and South/East Asia. Topics include aspects of political, economic, physical, and cultural geography. Three semester hours.</p> |
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HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes and retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the area of business with fewer courses in the social sciences. Those completing the major must demonstrate computer competency. Students in this major must have a minimum grade point average of 2.5 by the beginning of their junior year to remain in the program. A field work internship with a health care facility is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing without re-examination in other states.

There is no minor in Health Care Administration, and no minor is required for majors in this program.

Option 1--Emphasis on Psychology and Sociology

Soc.	201	Introduction to Sociology	3
	303	Family	3
	321	Sociology of Death and Dying	3
	380	Principles of Social Work	
		OR	
	381	Social Welfare Policies and Services	3
	413	Seminar in Aging and Retirement	3
	426	Sociology of Small Groups	3
	491	Field Work	6
Psy.	250	General Psychology	3
	353	Personality Theory	3
	357	Counseling	3
	358	Abnormal Psychology	3
			36 semester hours

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
B.Adm.	361	Principles of Management	3

One of the following courses must be completed.

B.Adm.	311	Industrial and Public Relations	3
	315	Marketing	3
	362	Personnel Management	3
	421	Business Ethics	3
			18 semester hours

Option 2--Emphasis on Business Administration

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
Econ.	301	Corporate Finance	3
B.Adm.	315	Marketing	3
	361	Principles of Management	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
	491	Field Work	6
			36 semester hours
Soc.	201	Introduction to Sociology	3
	321	Sociology of Death and Dying	3
	380	Principles of Social Work	
		OR	
	381	Social Welfare Policies and Services	3
	413	Seminar in Aging and Retirement	3
	250	General Psychology	3
	357	Counseling	3
			18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, six of which will normally be included in the two year Humanities sequence. A History major must include History 301, 309-310, three hours of United States history beyond 309-310, and at least one course in each of the following historical periods: the Ancient World (324, 341), Europe before 1648 (341, 306, 331, 361, 406), and Europe after 1648 (333, 335, 342, 357, 358, 361, 362, 406, 421, 431, 432). History majors will advance towards the Bachelor of Arts degree; this requires a foreign language with intermediate level competency. Bible majors may not use 341-342 or 431-432 to fulfill the history minor requirements.

The minor in history consists of eighteen hours, six of which are included in the two year Humanities sequence. History 301 and 309-310 are required.

- 271. History of Christian Missions--** See Christian Ministries 271.
- 290. Independent Study--**Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 301. History and Historians--**A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Prerequisite: Junior or senior standing, twelve hours of history, and consent of instructor. One semester hour.

306. **Medieval History**--A study of the development of Western culture from the beginning of the Roman Empire to 1500. The degeneration of Roman institutions with consequent feudalism is carefully traced. The commercial revival and cultural revolution are studied, along with other factors leading toward the Protestant Reformation. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
- 309-310. **American History**--A study of history of the United States from the Colonial Period to World War II. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Three semester hours each semester.
324. **History of Rome**--A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
331. **History of England**--A study of the political, social, economic, and cultural developments in English history from early Roman Britain to the modern world. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
333. **History of Germany**--A study of the history of Germany from the later Roman Empire to the Twentieth Century. Selected topics will include the early German peoples, rise of the German duchies, the Holy Roman Empire, Germany during the Reformation, the rise of Prussia, the unification of Germany, and the two World Wars. Three semester hours.
335. **History of France**--A study of the political, social, economic, and cultural developments in French history from Roman Gaul to the modern era. Three semester hours.
- 341-342. **Church History**--A study of the history of the church from its beginning to the present. Attention is given to the rise of theological patterns, denominational developments, and the church's response to prevailing culture. Prerequisite: Humanities 101-102 and 201-202 or six hours of history and consent of instructor. Three semester hours each semester.
352. **Reformation in the Sixteenth Century**--A study of the various religious reformations (Protestant, Radical, and Catholic) of the 16th century. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
357. **Early Modern Europe 1618-1815**--A study of the history of Europe from the Thirty Years' War to the Congress of Vienna. Selected topics will include the Old Regimes, war and diplomacy, the rise of absolutism and constitutionalism, the Scientific Revolution, the Enlightenment, the French Revolution, and the age of Napoleon. Three semester hours.
358. **Europe 1815-Present**--A study of European history from the Congress of Vienna to the modern period. Selected topics will include modernization and the Industrial Revolution, Liberalism and Conservatism, European nationalism, the world at war, and the postwar era. Three semester hours.
- 361-362. **History of Russia**--A study of the political, social, economic, and cultural developments in Russia from the establishment of the Kievan state to the reign of Nicholas I (1825-1855). Prerequisite: Humanities 101-102 and 201-202,

or six hours of European history, or consent of instructor. Three semester hours each semester.

Jefferson to Jackson--A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

The Middle Period: 1840-1880--A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

The Gilded Age: 1877-1920--An examination of the nation in the midst of its industrial development and rapid population growth with specific reference to the impact of that industrialization on American culture and on the American political system. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

America in the Twentieth Century--A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

History of Islam--A study of the political, religious, social, and cultural institutions of the Islamic world from the birth of Muhammad to the modern period. Three semester hours.

The Scientific Tradition to 1750--A study of the origins of modern science. Selected topics include

Greek and Roman science in antiquity, Arab achievements in science, medieval alchemy and natural magic, Renaissance science, and the Scientific Revolution. Three semester hours.

431-432. Reformation of the Nineteenth Century--A study of the religious movement to restore New Testament Christianity as a basis for Christian union. Prerequisite: Humanities 101, 102, and 201, or consent of instructor. Not applicable toward a history major or minor. Two semester hours each semester.

445. Historical Research--A study of the theory and an exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.

480. Seminar on Vietnam--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMAN RELATIONS

The major in human relations is interdisciplinary and designed for those seeking vocational opportunities with various types of social agencies. The Youth Leadership emphasis is recommended for those who wish to work with children and young adults.

The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must also demonstrate computer competency.

Computer competency may be acquired through high school experience or the completion of one of the following Computer Science courses: 100, 275, or 280. Proof of competency by other than the completion of college courses may require a test.

REQUIRED CORE COURSES (15 hours)

Psychology 250
Psychology 252
Sociology 311 or 312

Sociology 201
Sociology 303

EMPHASIS

Social Agencies
Sociology 321
Sociology 380 or 381
Sociology 403
Sociology 451
Sociology 491

Youth Leadership
Sociology 203
Sociology 314
Psychology 357
Health & P.E. 409
Health & P.E. 491

Electives to be chosen
in consultation with
adviser.

Electives
Chr. Ministries 261, 318, 321,
Psychology 358
Sociology 360, 403, 426
Sociology 461, 380
Health & P.E. 208, 311

The minor in human relations consists of Sociology 201, 303, 311; Psychology 250, 252; and three hours of electives.

POLITICAL SCIENCE

The political science minor is designed for those who wish to study law or prepare for government service or secondary school teaching; it may be taken as a valuable addition to a major in fields such as history or business administration and economics. (Also see American Studies Program on Page 36.) The political science minor consists of eighteen hours which include 202, 203, and 402 or 403, plus six hours of electives.

- 202. American National Government--**A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.
- 203. State and Local Government--**A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 202. Three semester hours.
- 290. Independent Study--**Individualized study to enable the student either to study material in a field not now in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
- 304. Government and Business--**A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.
- 360. The Presidency--**An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspect of the office such as budgeting rather than serve as a general review. Two semester hours. Available usually in American Studies Program.
- 361. Domestic Politics--**The content of the course will vary with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available usually in American Studies Program.
- 370. International Affairs--**A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as nuclear proliferation or disarmament. Two semester hours. Available usually in American Studies Program.
- 402. Political Theory (Ideology)--**A comparative study of four contemporary ideologies--Fascism, Communism, Conservatism, and Liberalism--and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Three semester hours.
- 403. American Constitutional Law--**A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as arbiter in determining the respective limits on national and state power, in protecting the individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studies. Three semester hours.
- 489. Directed Readings--**Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 202. One to three semester hours.
- 490. Directed Studies--**A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. Field Work--**A practicum experience that involves the student in a supervised position in government for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 202. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular

course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 202. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and as a social science. The major and minor are designed to ensure that each student receives a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

The required courses in the psychology major are Psychology 250, 259, 350, 353, 401, and Mathematics 213. Electives should be chosen in consultation with the psychology adviser. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours in the major. Those completing the major must demonstrate computer competency.

The minor in psychology requires Psychology 250, 252, and 350 plus nine additional semester hours.

100. Introduction to College and Careers--A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources such as time and money, and a growing awareness of self. **Required of all freshmen during the first semester of attendance.** One semester hour.

250. General Psychology--An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.

252. Developmental Psychology--A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and

personal areas. Three semester hours.

259. Experimental Psychology--A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

350. **Social Psychology**--A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.
353. **Personality, Motivation, Development, and Assessment**--A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. Prerequisite: Psychology 250. Three semester hours.
357. **Introduction to the Theory and Practice of Counseling**--An introduction to counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Prerequisite: Psychology 250. Three semester hours.
358. **Abnormal Psychology**--A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.
361. **Innovative Methods of Therapy**--An introduction to the innovative therapies used in mental health and educational settings. Particular attention is given to cognitive and behavioral approaches. Three semester hours.
401. **Systems and Theories**--An overview of the major systems and theories of contemporary psychology with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.
404. **Educational Psychology**--A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.
427. **Perception and Physiological Psychology**--A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.
450. **Psychology of Religion**--A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.
454. **Introduction to Psychological Testing**--A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.
480. **Seminar on Vietnam**--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.
489. **Directed Readings**--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

- 490. Directed Studies**--A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. Field Work in Psychology**--Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.
- 495. Seminar**--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY

The sociology curriculum emphasizes the principles and application of sociological knowledge. The major and minor are designed to ensure that each student receives a broad background in sociology. This major is also for those wishing to continue studies in graduate school.

The required courses in the sociology major are Psychology 350 and Sociology 201, 210, 303, 311 or 312, 314, 401, 403, 426, and 451. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must demonstrate computer competency.

The minor in sociology requires Sociology 201, 210, 303, 451; Psychology 250; and three elective hours.

- 201. Introduction to Sociology**--A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.
- 203. Introduction to Youth Leadership**--A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.
- 210. Introduction to Cultural Anthropology**--A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.
- 303. Family**--A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.
- 311. The Sociology of Crime and Delinquency**--A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.
- 312. Juvenile Delinquency**--An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice including field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.

314. **Race and Ethnic Relations--**A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.
321. **Sociology of Death and Dying--**An exploration of the current literature on death and dying. The approach is cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.
350. **Social Psychology--**See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.
360. **Problems of Cross-Cultural Communication--**A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries: their basis and origin, their consequences, and the approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.
380. **Principles of Social Work--**An introduction to the profession of social work and an overview of the professional knowledge, skills, and values necessary for generalist social work practice. The student is introduced to the historical evolution of social work, the history of social welfare, the various fields of social work practice, and general systems theory. Three semester hours.
381. **Social Welfare Policies and Services--**A study of social welfare policy, its theoretical orientations and philosophical underpinnings, as well as private and public social programs and issues which comprise the United States welfare system. Attention will be given to those social policies/programs which have a major impact on generalist social work practice. Three semester hours.
401. **Sociological Research--**An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.
403. **Urban Sociology--**A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.
413. **Seminar in Aging and Retirement--**A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisites: Sociology 201 and 303. Three semester hours.
421. **Sociology of Religion--**A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.
426. **Sociology of Small Groups--**A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.
451. **Sociological Theory--**A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention is given to the contemporary developments in sociological theory. Prerequisite: consent of the instructor. Three semester hours.
461. **Dynamics of Culture Change--**A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.

- 480. Sociological Contexts of Prison Ministry--**A study of the criminal justice system and those who are participants in it: professional staff, inmates, and the volunteer community. This course is designed to establish the philosophical base and practical knowledge necessary to support an institutional chaplaincy program. Three semester hours.
- 489. Directed Readings--**A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.
- 490. Directed Studies--**A program of readings and conferences which provides for individualized study. One to three semester hours.
- 491. Field Work in Sociology--**Supervised field work in various institutions and agencies including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.
- 495. Seminar--**A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.



THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

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Harold Zimmerman, Retired Business Executive, Indianapolis, IN

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William F. Hall, Minister, Greenville, IN
David O. Hamlin, Minister, Shelbyville, KY
Steve Haxton, C.P.A., West Worthington, OH
Wayne Hay, Parole Officer, State of Kentucky, Louisville, KY

- Henry E. Hill, Retired Minister, Johnson City, TN
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 David C. Hughston, Insurance Executive, Brownsville, TX
 E. Glenn Isaacs, Business Executive, Elizabethton, TN
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 James Landrum, Minister, Bloomington, IN
 Karl M. Marshall, Minister, Paris, IL
 Robert W. McGuire, Youth Services, East Point, GA
 Tim McIntosh, Minister, Elkhorn City, KY
 Boyd McKey, Elder, First Christian Church, Chicago, IL
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 James D. Saunders, Minister, Angola, IN
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 Mignon M. Shelton, Churchwoman, Blountville, TN
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 Robert A. Walther, Administrator, Canton Christian Home, Canton, OH
 Carter Warden, Associate Minister, Gray, TN
 John E. Wasem, Minister, Munster, IN
 David Wead, Minister, Nashville, TN
 Dorlin E. Wheeler, Captain USAF, Rancho Cordova, CA
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 Robert L. Williams, Educator, Jersey Shore, PA
 Keith Wise, Minister, Ironton, OH
 Ted H. Wood, Business Executive, Lombard, IL
 Bill Yeary, Executive, Lexington, KY
 Ron Zimmerman, Business Executive, Indianapolis, IN

FACULTY AND ADMINISTRATION

MARSHALL J. LEGGETT, President (1982)

A.B., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

President's Cabinet

GARY E. WEEDMAN, Vice President for Academic Affairs and Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.

JOHN DERRY, Vice President for Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University; East Tennessee State University.

HOWARD F. NOURSE, Vice President for Institutional Advancement (1988)

B.S., Ohio State University; M.A., St. Francis College; Ph.D., Ohio State University.

JOE G. WHITAKER, Vice President for Business and Finance (1989)
B.S., Eastern Kentucky University; Milligan College; Certified Public Accountant.

Administration

JILL M. ALLEN, Director of Donor Relations (1989)
B.S., East Stroudsburg University.

ROBERT E. ALLEN, Director of Church Relations (1986)
B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.

LEONARD BEATTIE, Physical Plant Director (1986)

NANCY M. BEVERLY, Director of Financial Aid (1991)
A.S. in BAdm., Beckley College; B.S., East Tennessee State University; Southern Association of Student Financial Aid Administrators Certificate of Achievement.

ANDY BRATTON, Director of Campus Life (1991)
B.S., Milligan College.

WAYNE EMERY, Director of Alumni Relations (1991)
B.A., Milligan College; M.Div., Emmanuel School of Religion; D.Min., Vanderbilt University.

PAULA C. GENTRY, Director of Adult Education Programs (1991)
B.A., College of St. Francis; M.Ed., University of Illinois, Champaign/Urbana.

MICHAEL JOHNSON, Director of Admissions (1986)
B.S., Milligan College.

LINDA H. LAWSON, Director of Personnel, Work Study Coordinator, and Mailroom Supervisor (1990)
B.A., Milligan College.

CORT MILLS, Assistant Director of Adult Education Programs (1990)
B.A., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)
A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

SUE H. SKIDMORE, Registrar and Director of Institutional Research (1980)
B.A., Milligan College; East Tennessee State University.

KATHY SMITH, Associate Director of Alumni Relations (1984)
B.S., Auburn University; Milligan College.

MIKE SMITH, Director of Computer Services (1981)
B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.

PAUL A. CLARK, Professor of Education and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.

- TERRY J. DIBBLE, Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- GEORGE A. FINCHUM, Professor of Education and Geography (1987)
B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University.
- CHARLES W. GEE, Professor of Biology and Education (1967)
B.S., University of Wisconsin-Madison; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.
- WILLIAM C. GWALTNEY, JR., Chair, Area of Biblical Learning and Joel O. and Mabel Stephens Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.
- ROBERT B. HALL, Chair, Area of Social Learning and Professor of Sociology (1967)
B.A., Cincinnati Bible Seminary; B.S., M.A., Butler University; M.A., East Tennessee State University; Ph.D., The University of Tennessee; Southern Baptist Theological Seminary; Vanderbilt University; University of Chattanooga; Harvard University.
- SUSAN GAYLE HIGGINS, Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JACK L. KNOWLES, Professor of English (1970)
B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University.
- RICHARD D. LURA, Chair, Area of Scientific Learning and Professor of Chemistry (1971)
B.S., University of Wisconsin-Madison; Ph.D., Iowa State University; Medical College of Virginia.
- EUGENE NIX, Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- EUGENE P. PRICE, Frank H. Knight Professor of Economics and Business (1949)
B.A., M.A., Duke University; Harvard University.
- R. DAVID ROBERTS, Kenneth E. Starkey Chair of Bible and Christian Ministries and Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.
- DAVID C. RUNNER, Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.
- RALPH SPEER, Professor of Communications (1991)
B.A., M.A., D.A., Drake University; Grand View College; Iowa State University; Lincoln Christian Seminary.
- DUARD B. WALKER, Professor of Health and Physical Education (1951)
B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.
- GARY O. WALLACE, Professor of Biology (1967-68, 1971)
B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.

Associate Professors

- BERTRAM S. ALLEN, JR., Associate Professor of Psychology and Director of Counseling (1979)
B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.
- THOMAS V. BARKES, Associate Professor of Computer Science (1985)
B.S., Milligan College; M.T.S., College of William & Mary; M.S.C.S.E., University of Evansville; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.
- CAROLYN W. CARTER, Chair, Area of Professional Learning, and Associate Professor of Office Administration and Computer Science (1984)
B.S., M.A., East Tennessee State University; M.S.C.S.E., University of Evansville.
- JEANETTE E. CROSSWHITE, Associate Professor of Music (1967)
B.M.E., Longwood College; B.C.M., M.C.M., Southern Baptist Theological Seminary; Memphis State University.
- TIM DILLON, Associate Professor of History (1982)
B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison; Emmanuel School of Religion.
- W. DENNIS HELSABECK, JR., Associate Professor of History (1982-1984, 1989)
B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion; Luther Northwestern Theological Seminary.
- JANICE F. HUANG, Associate Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A. and Ph.D., University of Illinois; Milligan College.
- DIANE E. JUNKER, Associate Professor of Chemistry (1984)
B.S., Milligan College; Ph.D., University of Pittsburgh.
- JAMES LEE MAGNESS, Associate Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.
- PATRICIA P. MAGNESS, Associate Professor of Humanities (1984)
B.A., Milligan College; M.A., Vanderbilt University; Boise State University; Georgia State University; Ph.D., Emory University.
- RICHARD MAJOR, Associate Professor of Theatre (1985)
B.A., Milligan College; M.F.A., Michigan State University; Ohio University.
- NORMA J. MORRISON, Associate Professor of Education (1982)
A.A., Indian River Junior College; B.A., Florida State University; M.A.T., Ed.D., East Tennessee State University; Milligan College; University of Oregon.
- CAROLYN NIPPER, Chair, Area of Humane Learning, and Associate Professor of English (1966)
B.A., Milligan College; M.A., The University of Tennessee; University of Kentucky.
- CAROL A. ROOSE, Associate Professor of Education (1989)
B.S., M.A., Ph.D., Kent State University; Case Western Reserve University.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)
B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S., Princeton Theological Seminary; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.

JAMES L. STREET, Associate Professor of Psychology (1982)
A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Associate Professor of Biology (1984)
B.S., East Tennessee State University; M.S., University of Kentucky; M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN WOOLARD, Associate Professor of French (1972)
B.A., Bridgewater College; B.S., East Tennessee State University; M.A., University of Kentucky; University of Strasbourg.

Assistant Professors

W. THOMAS BECKNER, Assistant Professor of Communications (1989)
B.A., Milligan College; M.A., Kent State University; M.S., Georgia State University; Ohio University; Emory University.

NICHOLAS D. BLOSSER, Assistant Professor of Art and Humanities (1991)
B.F.A. and M.F.A., The Ohio State University.

MARVIN GLOVER, JR., Assistant Professor of Mathematics (1990)
B.S., Athens State College; M.S., Vanderbilt University.

EARL R. HENDRY, Director and Assistant Professor of the Legal Assistant Program (1992)
B.S., University of Florida; J.D., Memphis State University.

ANN ILES, Assistant Professor of Humanities and English (1982).
B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education (1985)
B.S., Milligan College; M.S., Ball State University; Purdue University; Arizona State University; East Tennessee State University.

PHILIP D. KENNESON, Assistant Professor of Theology and Philosophy (1992)
B.A., Butler University; M.Div., Emmanuel School of Religion; Ph.D., Duke University.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education (1983)
B.A., Wittenberg University; M.Ed., Xavier University.

ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)
B.B.A., Grand Valley State College; M.Acc., University of Georgia, Certified Public Accountant.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration (1986)
B.S., University of Kansas; M.B.A., East Tennessee State University; Babson College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library and Reference Librarian (1980)
B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

NANCY S. ROSS, Assistant Professor of Developmental Studies (1990)
B.A., Milligan College; M.Ed., East Tennessee State University.

New Faculty

The following will be joining the faculty for the 1993-94 year:

JOHN W. CAMPBELL, Assistant Professor of Music
B.M., Sanford University; M.M., University of Illinois, Urbana-Champaign;
D.M.A., Southern Baptist Theological Seminary.

CRAIG S. FARMER, Assistant Professor of History and Humanities
B.A., Haverford College; M.A., University of Chicago; Ph.D., Duke University.

LORI L. GIBSON, Assistant Professor of Psychology
B.S., Milligan College; M.A., Ph.D., University of Louisville.

JULIA G. HOLMES, Chair, Area of Professional Learning and Associate
Professor of Education
B.S., M.S., Troy State University; Ed.D., The University of Alabama.

KAREN L. KELLY, Assistant Professor of Biology
B.S., Milligan College; Ph.D., University of California at Los Angeles.

TERRY L. MATTINGLY, Assistant Professor of Communications
B.A., M.A., Baylor University; M.S., University of Illinois-Urbana/
Champaign.

Support Personnel

ELISA BEYERS, Admissions Counselor

DUSTY GARISON, General Manager, WZMC

RON GARLAND, Student Accounts Manager

CHRIS HASKINS, Computer Network Manager

DEBORAH HILL, Office Manager for Adult Education Programs

JENNY HOWARD, Admissions Office Manager

JEAN F. LEGGETT, Administrative Assistant to the President

V. JUNE LEONARD, Library Technical Services Manager

RUTH LOVING, Administrative Assistant to the Vice President for Academic Affairs and Dean

OPAL B. LYONS, Acting Director of Health Services

WES McELRAVY, Staff Accountant

CORT MILLS, Assistant Director of Adult Education Programs

JEAN MULLINS, Student Union Manager

TOMMY OAKS, Campus Minister

JEFF PENDER, Admissions Counselor

DAN PONCHOT, Admissions Counselor

JONATHAN ROBINSON, Bookstore Manager

JACK SIMPSON, Admissions Counselor

GAIL STINNOTT, Programmer/Analyst

STEVE VECRUMBA, Admissions Counselor

Athletic Coaches

Athletic Director - Duard Walker

Baseball - Douglas Jennett

Basketball (Men's) - Tony Wallingford

Basketball (Women's) - Rich Aubrey

Golf - Tony Wallingford

Soccer - Juan Chiu

Softball - Wes Holly

Tennis (Men's) - Duard Walker

Tennis (Women's) - Rich Aubrey

Volleyball - Linda King

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate
Professor Emeritus of Health and
Physical Education (1958)

ANNA MAY CROWDER, Assistant
Professor Emeritus of English
(1965)

ROBERT O. FIFE, Professor-at-Large
(1954)

PHYLLIS DAMPIER FONTAINE,
Registrar Emeritus (1963)

HOWARD A. HAYES, Professor
Emeritus of Bible (1967)

W. DENNIS HELSABECK, Professor
Emeritus of Counseling (1963)

JUANITA JONES, Associate Professor
Emeritus of English (1968)

VIRGINIA LAWS, Assistant Professor
Emeritus of Secretarial Science
(1974)

JOHN W. NETH, Director Emeritus of
the P.H. Welshimer Library (1953-
59, 1962)

EUEL J. OWNBY, Associate Professor
Emeritus of Education (1961)

JAMES L. SHIELDS, Professor
Emeritus of Education (1959)

LONE L. SISK, Professor Emeritus of
Chemistry (1948)

EARL STUCKENBRUCK, Associate
Professor Emeritus of Bible (1951-
52, 1968)

HENRY E. WEBB, Dean E. Walker
Professor Emeritus of Church
History (1950)

C. ROBERT WETZEL, Professor-at-
Large (1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

Named Funds

The Hoover-Price Trust Fund

The McWane Foundation Fund

The Waddy Trust Fund

The Adam B. Crouch Memorial Fund

The Hopwood Memorial Fund

The Elizabethton Endowment Fund

The Derthick Memorial Fund

The Kelton Todd Miller Memorial
Fund

The Horace E. and Mary Surepta
Burnham Memorial Fund

The Anglin Fund

The Aylette Rains Van Hook Memorial
Fund

The McCormick Fund

The Philip Scharfstein Scholarship
Fund

The Webb D. Sutton Trust Fund

The Edith B. Cottrell Memorial Fund

The Milligan College Memorial Fund
 The Barbara Main Memorial Fund
 The Wiley Wilson Memorial Fund
 The B.D. Phillips Fund
 The George Iverson Baker Memorial Fund
 The Sam Jack and Mary Ellen Hyder Memorial Fund
 The Ada Bennett Memorial Fund
 The Asa F. and Marguerite Cochrane Memorial Fund
 The Stewart-Roberts Fund
 The Arthur H. and Marguerite Miller Memorial Fund
 The Dorothy S. Wilson Memorial Fund
 The Guy and Rhea Oakes Memorial Fund
 The Clarence A. and Evangeline K. Lucas Memorial Fund
 The Joseph R. Crandall Memorial Fund
 The Myrtle C. King Memorial Fund
 The Lone L. Sisk Endowment Fund
 The Mr. and Mrs. Fred Proffitt Memorial Fund
 The Dr. Charles E. and Florence A. Burns Memorial Fund
 The Dr. H.O. Bolling Memorial Fund
 The Ira and Irene Atkinson Memorial Fund
 The John C. Paty, Sr. Memorial Fund
 The Clyde Ratliff Memorial Fund
 The W. Sylvester Hughes Endowment Fund
 The 1968 Class Fund
 The 1976 Class Fund
 The Mrs. William Butler Van Hook Memorial Fund
 The Clem Endowment Fund
 The Clyde and Hassie Ann Smith Memorial Fund
 The Carl C. Monin Memorial Fund
 The 1980 Class Fund
 The Roy G. True Memorial Fund

The Dimple Hart Christian Memorial Fund
 The T. Jayne Gressel Memorial Fund
 The Alfred Keefauver Memorial Fund
 The Raymond R. Roach Memorial Fund
 The Abe Ellis Memorial Fund
 The John E. McMahan Memorial Fund
 The Mrs. Irene Scoville "Mom" Nice Memorial Fund
 The Milton Edwards Memorial Fund
 The Clarence and Violet Helen Overman Memorial Fund
 The Samuel Compton Memorial Fund
 The Oliver C. Davis Memorial Fund
 The Harold W. Scott Memorial Fund
 The Donald G. Sahli Memorial Fund
 The 1983 Class Fund
 The Willard and Lucille Millsaps Memorial Fund
 The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
 The James W. Pruitt Memorial Fund
 The Dr. Joseph H. Dampier Memorial Fund
 The W. Chamberlain Hale Memorial Fund
 The 1982 Class Fund
 The 1984 Class Fund
 The Helen and Harold Eswine Memorial Fund
 The John Wesley and Willie J. Allen Memorial Fund
 The Claude R. and Mary Sue Love Memorial Fund
 The Rev. J.E. Gordon Memorial Fund
 The D. Kemper Helsabeck Memorial Fund
 The 1985 Class Fund
 The 1987 Class Fund
 The Kathleen Adams Bowman Memorial Fund
 The T.W. Phillips Memorial Fund
 The Living Endowment Fund

- The T.A. Lovelace Memorial Fund
The Edgar Randolph Memorial Fund
The 1981 Class Fund
The Birdy Black Scholarship Fund
The Sam Crabtree Scholarship Fund
The Davidson Scholarship Fund
The Daisy & Fred Hayden Scholarship Fund
The Lula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Richard Millsaps Scholarship Fund
The Joan Millar Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The Edens Pleasant Home Carpet Fund
The W.V. Ramsey Minister's Scholarship Fund
The Ralph Small Scholarship Fund
The Roger Speas Scholarship Fund
The Irene Spahr Scholarship Fund
The W.B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund
The Mr. & Mrs. Floyd L. Broyles Scholarship Fund
The Kate Rice Blankenship Scholarship Fund
The Clarence and Lela Anderson Brumit Memorial Fund
The Rondah Y. Hyder Memorial Fund
The John L. Kuhn Memorial Fund
The Edgar Ralph Turner Memorial Fund
The Herschell J. Springfield Memorial Fund
The Virginia Burns Elder Memorial Fund
The Harry A. Smith Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The William E. Axamethy Memorial Fund
The 1988 Class Fund
The Ada Bess Hart Memorial Fund
The Mr. and Mrs. Thruman C. Earon Scholarship Fund
The 1986 Class Fund
The Mary Archer Memorial Fund
The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund
The Art Spahr Endowment Fund
The Mr. Paul O. George Memorial Fund
The Mr. Edgar Ralph Turner Memorial Fund
The Dr. Dean E. Walker Memorial Fund
The Mr. A.B. Culbertson Memorial Fund
The Frank and Janie Von Cannon Memorial Fund
The Claude Prince Memorial Fund
The Ivor Jones Memorial Fund
The 1989 Class Fund
The George E. Davis Memorial Fund
The W. Hobart and Myra Millsaps Scholarship Fund
The Thomas A. Barnard, Sr., Memorial Scholarship Fund
The Hazel Hale Best Memorial Fund
The Patricia Huffine Memorial Scholarship Fund
The Martin Luther Roark Memorial Scholarship Fund
The Dr. Joe P. McCormick Memorial Fund
The Donald Bush Memorial Scholarship Fund
The Fred W. Kegley Memorial Fund
The Lea Andre Memorial Fund
The Mary Andrew Memorial Fund
The Beulah Andrews/J. Millar Memorial Fund
The George M. Bowman Fund
The Eldred E. Calhoun Memorial Fund
The Dr. Clarence Carder Memorial Fund
The Phillip Clark Memorial Fund

The George Davis Memorial Fund	The Barbara Main Memorial Fund
The Ron DeLong Memorial Fund	The George Fred McClain Memorial Fund
The Leonard Dietrich Memorial Fund	The Herbie Mercer Memorial Fund
The Dr. & Mrs. Virgil Elliott Memorial Fund	The Marjorie Mitchell Memorial Fund
The Abe Ellis Memorial Fund	The Oscar Peters Memorial Fund
The Archie T. Grant Memorial Fund	The Marian Pierce Memorial Fund
The Robert Griffin Memorial Fund	The Gene Pat Price Memorial Fund
The Allen Harris, Jr., Memorial Fund	The Marie B. Price Memorial Fund
The John R. Hilsenbeck Memorial Fund	The Claude Prince Memorial Fund
The Carl A. Jones Memorial Fund	The William Saylor, Sr., Memorial Fund
The Earl Lilly Memorial Fund	The William Stauffer Memorial Fund
The Gerald Long Memorial Fund	The James L. Tarwater Memorial Fund
The Helen Long Memorial Fund	The Glen M. Williams Fund
The Darrell Luke Memorial Fund	

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois--THE DEAN E. WALKER CHAIR OF CHURCH HISTORY

First Christian Church, Erwin, Tennessee--THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS--Professor Eugene P. Price

Mr. and Mrs. Joel Stephens--THE JOEL O. AND MABEL STEPHENS CHAIR OF BIBLE--Professor William C. Gwaltney, Jr.

Mrs. Jeanne Starkey--THE KENNETH E. STARKEY CHAIR OF BIBLE AND CHRISTIAN MINISTRIES--Associate Professor R. David Roberts

Churches or individuals desiring information concerning these programs may write to the President of the College.

Milligan College Campus



Directory

- | | |
|-----------------------------|----------------------------------|
| 1. Anglin Field—Baseball | 16. Music Practice House |
| 2. Anglin Field—Soccer | 18. Paxson Communications Center |
| 3. Anglin Field—Softball | 19. Physical Plant |
| 5. Derthick Hall | 20. Post Office |
| 6. Faculty Office Building | 21. Radio Station |
| 7. Hardin Hall | 22. Kegley Hall |
| 8. Hart Hall | 23. Quillen Hall |
| 9. Hopwood Memorial Church | 24. Science Building |
| 10. Hyder House | 25. Seeger Chapel |
| 11. Lacy Fieldhouse | 26. Sutton Hall |
| 12. Little Hartland | 27. Tennis Courts |
| 13. Married Student Housing | 28. Webb Hall |
| 14. McCown Cottage | 29. Welshimer Library |
| 15. McMahan Student Center | 30. Williams Hall |

MILLIGAN COLLEGE CALENDAR

Summer Session, 1993

Registration	June 7
First Term Classes	June 7 - July 7
Second Term Classes	July 8 - August 6

Fall Semester, 1993

Dorms Open to Freshmen	August 21
Conference for Parents of Freshmen	August 21
Freshmen Orientation	August 22 - 24
Faculty Conference	August 23
Dorms Open to Upperclassmen	August 23
Advising	August 23 - 24
Registration	August 23 - 24
Classes Begin	August 25
Matriculation	August 26
Fall Break	5:00 p.m., October 13 to 8:00 a.m., October 19
Thanksgiving Holiday	5:00 p.m., November 23 to 8:00 a.m., November 29
Last Day of Classes	December 10
Final Examinations	December 13 - 16

Spring Semester, 1994

New Student Orientation	January 9
Advising and Registration	January 10 - 11
Classes Begin	January 12
Spring Break	5:00 p.m., March 11 to 8:00 a.m., March 22
Awards Convocation	May 5
Last Day of Classes	May 6
Final Examinations	May 9 - 12
Baccalaureate and Commencement	May 15

Summer Session, 1994

Registration	June 6
First Term Classes	June 6 - July 6
Second Term Classes	July 7 - August 5

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The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. The College reserves the right to make changes (including changes in tuition and fees) after publication of the Catalog. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.

In accordance with the Tennessee College and University Security Information Act of 1989, Milligan College has prepared a report containing campus security policies and procedures, data on campus crimes, and other related information. A free copy of this report may be obtained by any student, employee, or applicant for admission or employment from the Office of Student Development, Milligan College, Milligan College, TN 37682.







MILLIGAN COLLEGE

Milligan College, Tennessee 37682
(615) 461-8700

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Milligan College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate, Bachelor's, and Master's degrees.

Milligan College holds membership in the following accrediting agencies and professional organizations:

American Association of Collegiate Registrars and Admissions Officers
American Association of Colleges of Teacher Education
Appalachian College Consortium
Christian College Coalition
College Placement Council

Council for Advancement and Support of Education
Council for Independent Colleges
National Association of College and University Business Offices
National Association of Independent Colleges and Universities
National Association of Intercollegiate Athletics
National Council for the Accreditation of Teacher Education
Southern Association of Colleges and Schools
Tennessee Independent Colleges Fund
Tennessee Intercollegiate Athletic Conference

Milligan College does not discriminate on the basis of race, sex, color and national or ethnic origin.

NATURE OF THE COLLEGE



HERITAGE

Milligan College, located in Upper East Tennessee in the territory that was once the lost state of Franklin, lies in an area rich in history and tradition.

At Sycamore Shoals, near the campus, the Watauga Association adopted a constitution providing for self-government, prior to the Declaration of Independence. A few miles from the College, American troops assembled for the famed march to the Battle of King's Mountain, which proved to be the turning point in the American Revolution. Toward the west are the homes of General John Sevier and Colonel John Tipton, early heroes of the Volunteer State. Rocky Mount, the original capital of the Southwest Territory, is some ten miles north of the campus. Jonesborough, the first capital of Tennessee, is some ten miles west of the campus. The homes and land of two of Tennessee's great governors, Robert and Alfred Taylor, are adjacent to the campus.

In the third decade of the nineteenth century, freedom-loving people introduced the Restoration principle into the religious life of the area. Milligan College owes its beginnings to the school conducted in the old Buffalo Church which is now the Hopwood Memorial Church.

On December 10, 1866, Buffalo Male and Female Institute, under the leadership of Wilson G. Barker, was chartered by the State of Tennessee. A building was constructed, and instruction was begun the next year. In 1875 the leadership of this academy was transferred to Josephus Hopwood, a native of Kentucky.

In 1881 he laid the cornerstone for an expanded building. At the same time he announced both the elevation of the Institute to collegiate rank and the new name, Milligan College. This name was chosen to honor Professor Robert Milligan of Kentucky University (Transylvania), whom President Hopwood regarded as the embodiment of Christian scholarship and Christian gentility.

President Hopwood sought to establish a four-fold program in the College. He looked to the physical sciences as the source of man's conquest of the earth. He regarded history, philosophy, and the social studies as the source of human self-knowledge and self-government. He thought of professional and vocational education as a means of sustaining a free social order and of reducing scientific knowledge to the service of man in material civilization. He accepted a knowledge of revelation and the possession of Christian faith as the necessary controls through which mankind could establish and maintain a culture in blending the first three. To this end he adopted the motto, "Christian Education—the Hope of the World."

President Hopwood continued in the presidency until 1903 when he left Milligan to found a college in Virginia. Dr. Henry Garrett, a member of the faculty, was elevated to the presidency.

Upon President Garrett's resignation in 1908, Dr. Frederick D. Kershner, president of the American University, Harriman, Tennessee, was elected to the presidency. Dr. Kershner was a brilliant young scholar and was soon to be in demand by a larger institution. In 1911 he left Milligan to assume the presidency of Texas Christian University.

From 1911 to 1915 the College was under the leadership of three different men: Tyler E. Utterback, Everett W. McDiarmid, and James T. McKissick.

In 1915 Dr. Hopwood, who had completed the founding of the colleges in Virginia and Georgia since leaving Milligan in 1903, returned for a two-year ad-interim presidency.

In 1917 Henry J. Derthick was inaugurated as the eighth president of Milligan. During this period Milligan College, with the support of many patrons living a considerable distance from the campus, served many young people from the Southern Highlands. The campus was expanded to some sixty acres, and the facilities of the College were increased. The Administration Building was rebuilt after a fire, Pardee Hall was built as a dormitory for men, Cheek Activity Building was constructed for recreational purposes, and a number of smaller buildings were added. Dr. Derthick succeeded in bringing the College through World War I and the Great Depression, preserving the academic integrity and quality of the College.

Dean Charles E. Burns succeeded to the presidency in 1940, just prior to the American entrance into the Second World War. In the crisis of that period, Milligan offered its entire facilities to the United States Government. From July of 1943 to the spring of 1945 a Navy V-12 program was conducted. Milligan was the only college in the United States given over completely to a Navy program.

The civilian work of the College was resumed under the presidency of Virgil Elliott in 1945. Two major problems confronted the College at this time. The breaking of ties with alumni and friends during the Second World War proved to be a serious handicap. No less difficult was the task of assisting a large number of ex-GI's to effect a transition from military to civilian life.

Dr. Dean E. Walker came to the presidency in January 1950 from a twenty-five year professorship at the Butler University School of Religion. Recognizing the need of the small college to play an increasingly large part in the educational program of our land, the College adopted a long-range development program. Students were enlisted from a larger area, encompassing most of the States and several foreign countries. A financial program was undertaken to stabilize the College, the endowment was increased, and existing buildings were renovated and newly furnished. New patrons were sought for the College, the curriculum was expanded, and higher faculty standards were established.

During Dr. Walker's administration the campus was expanded to more than 135 acres of land. New buildings added included the Student Union Building, Sutton Hall, Webb Hall, the P.H. Welshimer Memorial Library, the Seeger Memorial Chapel, and Hart Hall.

On November 1, 1960 Milligan received the Quality Improvement Award administered by the Association of American Colleges for the United States Steel Foundation. On December 1, 1960 Milligan was admitted into membership in the Southern Association of Colleges and Schools.

In June 1968 Dr. Jess W. Johnson, having served in the capacity of Executive Vice-President for two years, was elevated to the presidency of the College on the retirement of

President Dean E. Walker, who became the Chancellor. The campus continued to develop under Dr. Johnson's leadership. The Faculty Office Building was built in 1969, and the Science Building was dedicated in May 1972. In November of 1976 the Steve Lacy Fieldhouse was completed.

On January 1, 1982 Marshall J. Leggett, the first alumnus to be chosen for the position, became the thirteenth president of the College.

Throughout her history Milligan has maintained an active relationship to a religious movement committed to the restoration of New Testament Christianity. The Christian people participating in this movement consistently disclaim denominational status, and the faculty and trustees of the College maintain an intelligent awareness of a commitment to this position. The members of Milligan feel that such a nondenominational position permits them to examine all aspects of life, secular and religious, in the light of the New Testament, unrestricted by human tradition. In this view of Christian faith, all vocations, avocations, and associations permitting the exercise of fellowship under the Lordship of Christ are expressions of good citizenship under God, in state, in church, and in society. In Milligan tradition the student is confronted with a synthesis of learning. This synthesis of learning is regarded by the College as essential to the understanding of and personal responsibility in the various relationships in life for the stewardship of which all must give account before God and humanity.

CHARACTER

The Milligan tradition is expressed in the motto "Christian Education—the Hope of the World." The curriculum includes a study of the Holy Scriptures as a requirement for the bachelor's degree. This requirement derives from the belief that God is revealed in His only begotten Son, Jesus, the Christ. This belief gives meaning to human life and is the only force of sufficient moral strength to create educational ideals of the highest order and to inspire the integrity to achieve them.

Milligan College has been coeducational from the beginning of its history. This policy rests upon the conviction that the problems of the entire social order are better solved when men and women share alike in basic knowledge.

It is a distinguishing characteristic of Milligan College that each course is taught with an awareness of how it fits into a biblical worldview. Such teaching is assured by the selection of a faculty in cordial sympathy with this view. A primary objective is to include Christian understanding and practice in the total of life's attitudes and activities.

It is a further significant characteristic that Milligan believes this objective obtainable through the presentation of the data of Christianity in its original form, the New Testament. Accordingly, no denominational or creedal tests are imposed upon any student in admission to membership in Milligan College or in the attainment of any of its honors, awards, or degrees.

The liberal arts are defined in Milligan College as those studies and disciplines through which the human spirit is freed and further endowed with moral power. The study of

these arts is thus essential to the attainment and maintenance of a civilization of free people. The concept of freedom can be held only by those individuals who recognize the dignity and sanctity of human life. The possessor of that life, however, can enjoy the highest potential only through the disciplines of sound learning. It is this learning which gives direction and meaning to life through time into eternity. A personality so equipped is the master of skills and facts, is never dominated by them, and uses them for the service of humanity and of God.

Thus, the purpose of liberal education is the development of persons to whom may safely be entrusted the vast scientific and technical knowledge and skill developed by research. Such a program includes more than the pursuit of "secular" studies in a "Christian atmosphere." It contemplates the inter-penetration of the three great bodies of learning: the realm of nature, the realm of humanity, and the realm of divinity. The practical application of the resultant synthesis in both vocational and leisure activities characterizes the life of a truly educated person.

Another characteristic of Milligan College is the sense of obligation assumed by the faculty. Applicants for admission to membership in Milligan are considered in the light of this searching question: "What can we do for this student?" Therefore, with regard to each applicant who possesses adequate secondary education and expresses an acceptance of the approach described above, the College addresses itself to this question: "Has Milligan sufficient facilities and understanding to realize the end product envisioned?"

Membership in Milligan College consists of those who sustain a relationship in one of the following categories: the Board of Trustees, the Board of Advisers, the Administration, the Faculty, the Student Body, and the Alumni. This membership is a privilege conferred by the Institution and involves reciprocal responsibilities and concerns. Admission to membership in any one of the divisions is extended by the College at its discretion through established channels.

Admission to membership in Milligan College carries with it a pledge of responsibility by students that they will subject themselves to the rigorous discipline of the above program. Men and women who choose to decline this responsibility forfeit the privilege of membership in the College.

MISSION STATEMENT

Milligan College provides opportunities for education in Bible, arts, and sciences which are shaped by a Christian world view in order to (1) create an environment dedicated to intellectual, spiritual, social, and physical development, (2) lead to selected professional and career possibilities, and (3) establish a community of inquiry, responsibility, and caring. Programs lead to associate, undergraduate, or graduate degrees, as well as provide for personal enrichment; they prepare men and women to participate in the necessary endeavors which will result in the accomplishment of the following objectives:

A Positive, Personal Christian Faith That Jesus is Lord and Savior.

The expression "Jesus is Lord and Savior" is to be understood in the historical biblical significance. Jesus, the Man of Nazareth, is God's Son, therefore, both Savior and Lord of

Life. The attainment of positive, personal Christian faith means the commitment of one's life to this Jesus.

An Insight into the Impact of the Christian Scripture on Personal and Social Ethics.

This involves a recognition of the norms of human conduct that derive their sanction from the Christian faith.

The Capacity to Recognize and Assume Responsibility in Society.

The main functions of education are to arouse within the individual an awareness of indebtedness to one's fellow human beings, to foster in each a desire to assume personal responsibility, and to prepare the individual to fulfill his or her obligation to society.

The Knowledge, Meaning, and Application of Sound Scholarship.

The student is led to develop a respect and enthusiasm for sound scholarship, such as will inspire each person to seek it with diligence and perseverance.

Preparation for Securing for Self and Family a Comfortable Standard of Living.

This may be accomplished through training in personal and public health, courses of study designed to develop the quality of aesthetic appreciation, a background of basic liberal arts courses, plus the selection of a field of interest which will provide an adequate livelihood.

Participation in Wholesome Recreational Activities.

Participation in wholesome recreational activities is a worthwhile experience to the individual who participates. This may be accomplished through intramural sports, intercollegiate sports, dormitory living, student union fellowship, and student-initiated recreational activities.

STUDENT LIFE

Residence

Since many campus activities are centered within the residence halls, the College encourages all students to take advantage of this valuable experience; therefore, Milligan undergraduate students not living with their parents, grandparents, married brother or sister, or spouse are required to live on campus. Maintenance or use of any separate quarters without permission from the Student Development Office subjects the student to suspension.

Residence hall rooms are equipped with all necessary furniture. Students supply blankets, pillows, bedspreads, curtains, rugs, study lamps, and accessories.

The College reserves the right to inspect residence hall rooms at all times and may, if necessary, conduct a search at the direction of the Dean of Students. The rooms are subject to spot checks by the Residence Hall Director who is required to approve the use and condition of each room.

Damage to the room or its furnishing will be assessed to the occupants of the room who accept responsibility for its use and condition. Damage to common areas will be assessed to all residents of that hall.

All residence halls and the dining hall are closed during college vacations. Students will not be permitted to stay on campus during these periods without permission from the Student Development Office.

Any student without a roommate will be charged the private room rate unless no roommate is available.

An appliance fee of \$15.00 per semester will be charged for use of each high energy use appliance, such as refrigerators and air conditioners.

Telephone service is available in all residence hall rooms. Students must provide their own telephones and calling cards for long distance calls.

Married Student Housing

Milligan College has thirty-two apartments for married students. These two-bedroom units are totally electric, including heating and air conditioning. All of the apartments are carpeted and unfurnished except for kitchen appliances. Additional information may be obtained by contacting the Student Development Office.

Conduct

Milligan College is intent upon integrating Christian faith with scholarship and life. Because of this Christian commitment, Milligan College values the integrity of each individual. However, the action of each person affects the whole community. While attending Milligan each student is considered a representative of the College whether on or off the campus. The College, therefore, reserves the right to refuse, suspend, or dismiss any student. Public disclosure of reasons shall be at the discretion of the President.

Among the rules of conduct enforced by the College, the following are called to the student's attention:

1. Individual or collective student enterprises which use the college name or involve the absence of the participants from the College must receive the official sanction of the college administration.
2. Dishonesty in examinations, in class work, or in any other aspect of college life is regarded as a serious offense. Examples are taking library books without checking them out, taking credit for work which is not one's own, and giving false information to another member of the community.
3. Milligan College has a deep concern for the spiritual well-being and for the present and future health of its students. It is concerned particularly with the serious problems and consequences related to the use of alcoholic beverages and illegal drugs. Therefore, the use of alcoholic beverages or illegal drugs by a Milligan student, whether on the campus or away, will subject the student to disciplinary action: suspension or expulsion.

4. Social dancing is not a part of the Milligan tradition. Folk dancing is permitted.
 5. The use of tobacco on campus is prohibited.
- Additionally, the College publishes a Student Handbook which sets forth certain standards of appropriate and inappropriate conduct. The Student Handbook should, therefore, be considered by the student as setting forth rules of conduct which will also be enforced by the College.

Automobile

The privilege of using an automobile is granted to all students, although it is not necessary. The College will not be responsible for any personal or public liability growing out of the student's use or possession of the car on or off campus.

An automobile registration fee of \$9.00 per semester is charged.

Students who repeatedly violate the vehicular regulations may lose the privilege of having a vehicle on campus.

Rules governing student use of motor vehicles are determined and administered by the Traffic Court of the Student Government Association. The Traffic Court is composed of two students and one faculty member and is assisted by the Dean of Students.

Social Activities

All social activities must first be approved by the Student Development Office and then entered on the College Master Calendar in the office of the Academic Dean. The College seeks to encourage the development of an active and meaningful social life for all students.

Residence Halls

The Director in each hall, in conference with the dormitory council, helps create an atmosphere which is most conducive to the best community life. The Residence Hall Director is assisted by Resident Assistants who are part of the staff of the Dean of Students. General dormitory regulations are the responsibility of the dormitory councils in cooperation with the Dean's staff.

Friendship

The visitor to the Milligan campus invariably notices the friendliness and spirit of comradeship which characterize the entire Milligan circle, faculty and students alike. Each student has an adviser. This experienced faculty member is concerned that the student not only excels academically but also benefits from the opportunities afforded by a small college environment.

Provision for a well-rounded social life receives special attention. Recreational and social activities are planned by student committees. Initiative in student participation is encouraged.

The cultivation of high ideals and good habits, together with their expression in social poise and consideration for others, is a major concern.

Individual counsel and other friendly help are always available to each student. We speak of "membership" in Milligan College rather than "attending" Milligan College.

Health

Milligan takes every reasonable precaution to prevent accidents and illness. The services of a nurse are provided in a clinic on the campus to care for minor ailments and any emergency. Students are expected to report at once to the college nurse any accident or illness. When necessary, referral is made to local physicians.

The College cannot assume financial liability for off-campus physician and hospital services. Most families are protected today for medical and hospital claims through special insurance programs. For those not so covered, the College will provide information on available insurance through private agencies. Premium payment is the responsibility of the individual student. Contact the Student Development Office for information. All students participating in intercollegiate athletics are required to show coverage in an accident and hospitalization program.

Mental and social health is also a concern of the College. The Director of Counseling is available for some counseling in these areas. In addition the services of area mental health facilities can be utilized. However, the College is not equipped to provide long-term, in-depth psychotherapy or psychiatric care.

Religious Life

Regular church attendance is encouraged of all Milligan students. Opportunities for worship are provided in many churches in the area. Students find opportunities for service as well as wide fellowship through both city and rural churches in the vicinity of the College. Required chapel and convocation services are held each Tuesday and Thursday.

Students have many opportunities to develop their prayer and devotional lives. There are several churches in the area which have mid-week services. Many students participate in discipleship and Bible study groups. Prayer services are held frequently in the dormitories and in Seeger Memorial Chapel. The William E. Sweeney Memorial Chapel in Seeger Memorial Chapel provides a quiet place for devotions and meditations during the day and at vespers.

Participation in spiritual life and service organizations is open to all students. There are numerous areas of outreach: 1) the Milligan family, 2) low-rent housing areas, 3) East Tennessee Children's Home, 4) Appalachian Christian Village, 5) convalescent homes, 6) radio programs, 7) gospel teams, 8) informal vespers, and 9) discussion groups on campus.

The Association of Christian Ministries is a student organization which is designed to give an opportunity for fellowship and learning. Meetings are held each semester to hear speakers from many different areas of ministry. The Association is open to all students concerned about serving the Lord in their vocations.

The Missions Club is an organization of all students interested in the missionary work of the church, both at home and abroad. The club seeks to disseminate information about the various mission fields and the recruitment of missionaries.

Student Right to Know and Campus Security Act

Information relative to the Student Right to Know and Campus Security Act (Public Law 101-542) is available in the Office of the Vice President for Student Development. This information includes campus crime statistics and graduation rates by athletic participation, gender, and ethnicity.

Representative Organizations

Operating under a constitution approved by the Administration of the College, the Student Government Association serves as the official representative voice of Milligan students and promotes academic, social, and religious activities for the campus community.

The Student Government Association consists of the following elected members: president, vice president, secretary, treasurer, the president of each class, four other representatives from each class (two female and two male), one dormitory representative from each dorm, one commuter representative, and a married student representative.

The Dormitory Councils are organizations responsible for community life in the dormitories.

Music

In recent years the musical activities of Milligan College have received national recognition. The Milligan College Concert Choir, observing professional standards of concert literature, has traveled widely in the United States and in England. This group includes in its annual tour appearances in high schools, churches, and church conventions.

The Milligan Men and the Women's Ensemble are devoted to the study and performance of great musical literature of all centuries. They present programs at many local functions.

The Chamber Singers is a small group of selected voices. One of this group's performance experiences is the annual Madrigal Dinners.

The Wind Ensemble is a performing group of woodwind, brass, and percussion players which performs several times during the year. The Handbell Choir was formed through a gift of three octaves of Schulmerich handbells by Mrs. Ruby Gordinier of Louisville, Kentucky. The group performs at college and outside functions throughout the year.

The Thomas F. Staley Distinguished Christian Scholar Lecture Series

Each year the Thomas F. Staley Foundation sponsors the Staley Distinguished Christian Scholar Lecture Series. The Foundation is firmly persuaded that the message of the Christian Gospel, when proclaimed in its historic fullness, is always contemporary, relevant, and meaningful to any generation. Past lecturers have included Dr. James H. Jauncey, Dr.

Edwin Orr, Dr. Elton Trueblood, Dr. Arthur F. Glasser, Dr. George K. Schweitzer, Dr. S. Scott Bartchy, Dr. Calvin Thielman, Dr. Oswald Hoffman, Dr. Calvin Malefyt, Dr. Anthony Compolo, Dr. Bruce M. Metzger, Dr. Carl F.H. Henry, Dr. Dale Moody, Dr. Timothy Smith, Dr. Robert J. Bull, Tom Ewald, Dr. Keith Schoville, Dr. Joseph M. Webb, Dr. Harold Hazelip, Dr. Gerald Mattingly, and Dr. Stanley Hauerwas.

Publications

Students interested in journalism or creative writing may find an opportunity for self-expression through the medium of several publications of the College: the College newspaper, *The Stampedee*; the College yearbook, *The Buffalo*, which presents a pictorial history of the year's activities; and the College literary magazine, *Helicon*, which accepts original work from students and faculty.

Professional, Social, and Recreational Organizations

All professional and social organizations of Milligan College are designed to aid the students in fulfilling themselves and reaching their full potential religiously, socially, and creatively. The following organizations were originated by students and have received the sanction of the College. Additional professional or social organizations may be added to this list upon the initiative of several students who present a charter to the College, select a faculty adviser, and demonstrate that the proposed organization is in keeping with the purposes and philosophy of Milligan College.

Phi Beta Lambda is a national business honorary society for accounting, business administration, economics, and office administration majors and minors. It is devoted to developing competent, aggressive business leadership.

The Buffalo Ramblers is an informal association of those members of the Milligan family who enjoy exploring on foot the scenic gorges, peaks, caves, and waterfalls surrounding the College.

Students preparing for a teaching career find membership in the Student National Educational Association helpful. Topics of discussion in the club meetings are related to specific areas of service in the teaching profession.

Music Educators National Conference has a student chapter on the campus. Its purpose is to afford students the opportunity for professional musical orientation and development. These students also sponsor receptions after some concerts and serve as ushers for these events.

Students in the area of special education and other interested students are eligible to participate in the Student Council for Exceptional Children. This group serves not only the community by working directly with exceptional children but also the students by increasing their experience and knowledge in different areas of special education.

The French Club membership is open to all students who are interested in the French language and customs.

The Presidents' Council is made up of the presidents of all organizations recognized by the office of the Dean of Students. Their purpose is to coordinate programs and to keep organizations informed about each other.

The Commuters is an organization for off-campus students. By promoting various activities throughout the year, it seeks to enhance fellowship among commuters and to give off-campus students the opportunity to participate in campus events.

The Fine Arts Council is an organization open to any student interested in painting, music, theatre, and other arts. The group enjoys meetings on campus as well as trips to museums, plays, etc.

Fellowship of Christian Athletes is open to all who have a special interest in sports. The purpose is to encourage Christian character among those who participate in athletics.

Delta Kappa is an organization for young women who are striving to serve the school and the community. The club offers a student loan fund to provide small loans to meet emergencies.

Alpha Psi Omega, the national theatre honorary society, is active on campus with membership based on a point system whereby points are earned by participating in the many facets of theatre work on campus. Popular current projects include sponsoring the yearly Festival of One Act Plays and a touring production that travels to area public schools.

Sigma Tau Delta is a National English Honor Society that promotes interest in literature and the English language.

The International Awareness Club provides a unique opportunity for students from countries around the world and the United States to share together about different nations and cultures as well as our world as a whole.

Big Brother/Big Sister is an outreach ministry which works with area organizations to provide role models, temporary siblings, and other services.

Milligan Students for Life is a pro-life group offering opportunities to counsel unwed mothers, to hear local speakers on the abortion issue, and to march in the National March for Life in Washington, D.C.

The Pre-Med Club offers group studying for the MCAT and fellowship with other pre-med majors.

The Nursing Club brings together both traditional and non-traditional aged nursing students.

The Music Club is an association of students interested in music which promotes musical programs on campus and shares in the responsibilities of bringing musical guests to campus.

The Returning Student Organization (RSO) is a club for non-traditional students designed to bring the families of these students together and to provide services and programs for returning students.

Athletics

Milligan College encourages participation in intercollegiate athletics. A limited number of grants-in-aid will be awarded each year on a merit basis.

Milligan College is represented in intercollegiate athletics in basketball, baseball, tennis, softball, volleyball, golf, and soccer.

There is also the opportunity to participate in the athletics program as a member of the Varsity Cheerleaders or the Milligan College Drill Team.

The intramural program of athletics is designed to encourage participation by all students in some sport. A choice of sports is offered in basketball, flag-football, volleyball, and softball. Other competition includes swim meets, racquetball tournaments, and table games.

For a small greens fee, students interested in golf may secure playing privileges at several local golf courses.



THE CAMPUS

Milligan College occupies a campus of more than one hundred and forty-five acres, rising eastward from the banks of Buffalo Creek. Richly endowed by nature and enhanced by skillful landscaping, the grounds possess unusual beauty.

Anglin Field, with its baseball diamond and softball and soccer fields, lies along the banks of Buffalo Creek. This attractive field is important in the activities of intercollegiate and intramural sports and the physical education classes. The field was completely rebuilt in 1966. In 1971 Mr. and Mrs. John Stout, Sr. furnished a flag pole and small park at the edge of the field. This presentation was made in memory of their son Willard, who was a 1957 graduate of Milligan.

Derthick Hall, formerly the Administration Building, occupies the site on which the original brick building of the College was erected in 1867. Several years later a large wing was added to this structure. In 1918 most of the building was destroyed by fire. It was rebuilt in 1919. In 1978 the building was completely renovated and renamed in honor of Dr. and Mrs. H.J. Derthick. In addition to the classrooms and theatre located in this structure are the offices of the Academic Dean, the Director of Adult Education Programs, the Registrar, and faculty.

Hardin Hall was built in 1913, honoring Mr. and Mrs. George W. Hardin, who were intimately associated with the College for many years. This three-story brick building, once a residence hall for women, now houses the nursing program including faculty offices, laboratories, reading and conference rooms, general classrooms, and the Beatrice J. "Jerry" Wilson Lecture Hall named in honor of the wife of Edgar E. Wilson. Mrs. Wilson was a nurse for many years in Knoxville, Tennessee. In the Price Complex on the lower level, named in honor of Dr. Eugene P. Price, a long-time professor at the College, are located the offices for the business area faculty.

The Mary Hardin McCown Cottage is the building formerly occupied by the President of the College. Offices located in the building include those of the Director of Financial Aid and the Vice President for Business and Finance.

The P.H. Welshimer Memorial Library is a modern, fire-proof, air-conditioned building of three floors. The building was first occupied in November 1961 and was the gift of the T.W. Phillips, Jr. Charitable Trust and the Phillips family of Butler, Pennsylvania, after an initial gift by the Kresge Foundation of Detroit, Michigan. Offices of the President and the Executive Vice-President are located on the second floor. This building also contains a computer lab and the law library.

The Seeger Memorial Chapel was dedicated November 4, 1967. This beautiful Colonial edifice occupies the center of the campus with its spire—192 feet above ground level—overlooking the campus. The Chapel is a multi-purpose structure serving the College in worship, instruction, lectures, concerts, and drama. The main sanctuary-auditorium seats 1,300. The Chapel was made possible through major gifts by Mr. Ura Seeger, Lebanon, Indiana and Mr. and Mrs. B.D. Phillips, Butler, Pennsylvania. The George O. Walker

Auditorium, located on the lower level of the Chapel, accommodates 350 and is named in honor of Mr. Walker, a long-time trustee and friend of the College.

The Science Building was occupied in 1972. Utilizing the most modern design in educational construction, the building has five 24-station laboratories, two classrooms, a 250-seat lecture hall, and several special-purpose rooms.

Sutton Memorial Hall stands on the high campus toward the east. The residence floors have thirty suites for women, each with two rooms and connecting bath. The hall contains a large social room, the Joe and Lora McCormick Dining Center which seats about 400, the kitchen, and storage rooms. The hall bears the name of Webb and Nanye Bishop Sutton, whose vision and generosity made the construction possible. It was dedicated in 1956.

Webb Memorial Hall, a gift of Mrs. Nanye Bishop Sutton, was completed and occupied in January 1960. It houses modern accommodations for 172 men.

Hart Hall, an air-conditioned dormitory for 188 women, was completed in September 1965. In May of 1968 it was named in honor of Dr. and Mrs. John M. Hart.

The Faculty Office Building, built in 1969, houses the Curriculum Center and the majority of the offices for faculty members.

Little Hartland Hall, completed in 1976 and the gift of Mr. and Mrs. John M. Hart, furnished with selected antiques from the Harts' sizeable collection. The building serves as the official residence for the President of the College.

The Steve Lacy Fieldhouse was funded by gifts from the B.D. Phillips Memorial Trust and the Kresge Foundation, making it possible for Milligan College to accept a grant from Educational Facilities Laboratories. This was the first air-cable structure in America, and contains a regulation basketball court, a 25-meter swimming pool, classrooms, and other facilities designed to accommodate Milligan's philosophy of lifetime sports. Operation of this facility began in 1976. In 1987 the air-supported roof was replaced with a roof of traditional construction.

The McMahan Student Center, built in 1987, was a gift of Grace Hart McMahan in memory of her husband, John E. McMahan. It provides a focal point of campus fellowship and includes a snackbar, recreation room, lounge, study carrels, TV room, bookstore, health clinic, prayer room, career resource center, SGA conference room, hair care center, and office for campus activities and intramurals. On the lower level of the Student Center are the offices of the Vice President for Student Development and the Director of Admissions.

The Lowell W. Paxson Communications Center is located on the site of the former Student Union Building. It contains classrooms, editing rooms, a darkroom, and well equipped studios for both radio and TV productions. It was dedicated April 20, 1989 and was made possible through a gift from the Lowell W. Paxson Foundation.

Constructed in 1992, the three newest residence halls on campus each have six suites consisting of four single rooms, a living room area, and bathroom. Williams Hall is named in honor of Milligan alumnus and federal judge, Glen M. Williams. Quillen Hall recognizes a good friend of Milligan and Northeast Tennessee, Congressman James H. Quillen. Kegley Hall honors Milligan graduate, J. Henry Kegley, a local businessman.

ADMISSION

Admission to the Freshman Class

Character, ability, preparation, and seriousness of purpose are the qualities emphasized in considering applicants for membership in Milligan College. Early application is encouraged. Inquiries should be addressed to the Office of Admissions.

Those who are interested in attending Milligan are encouraged to visit the campus. Arrangements should be made in advance with the Office of Admissions.

Overall excellence of performance in high school subjects as well as evidence of Christian commitment and academic potential provide the basis for admission to Milligan College. While no specific course pattern is required for admission, the applicant is strongly encouraged to include in the high school program the following subjects:

1. College preparatory English
2. College preparatory mathematics
3. At least one unit of science
4. At least one unit of history and/or one unit of social science
5. Foreign language
6. Some work in speech, music, or art in preparation for study in a liberal arts curriculum.

To provide further evidence of academic ability, the applicant is required to take the American College Test or Scholastic Aptitude Test and furnish the College with either of these scores.

The following steps are suggested in the admission procedure:

1. The student should secure from the Office of Admissions an application form, forms for requesting transcripts and references, catalog, and other literature.
2. The student will return the completed application along with an application fee of \$25.00 to the Office of Admissions.
3. The application will be presented to the Admissions Committee for action when the following credentials are on file: the high school transcript, ACT or SAT scores, two references. The Admissions Committee may also under certain circumstances request an interview.

4. The Office of Admissions will notify the applicant of the disposition of the application. If the decision is favorable, the student will be accepted for admission to Milligan College, subject to the successful completion of high school.

Admission of Transfer Students

Students who wish to transfer from an accredited college, who merit a letter of honorable dismissal, and who have a grade point average of at least 2.0 on a 4.0 scale are eligible for admission to Milligan College. Such applicants should follow the same procedure outlined above, except the ACT or SAT scores are not required. In addition they must furnish the College with transcripts of all previous college work.

Advanced Placement

Milligan College recognizes the Advanced Placement Program (AP), the College Level Examination Program (CLEP), DANTES, and the International Baccalaureate as a means for earning college credit. Milligan students may submit scores on examinations taken through these programs to the Registrar for evaluation. College credit will be granted on the basis of an acceptable score as determined by the Academic Committee rather than by the testing company under the following conditions:

1. At least one semester of work must be completed in Milligan College before credit earned by testing will be recorded on the transcript.
2. Credit earned by testing will be designated on the transcript by a grade of "P" (pass).
3. A maximum of 32 semester hours can be earned by testing.
4. A recording fee of \$5.00 per hour will be charged.

Early Admission

Milligan also has provision for academically advanced and emotionally mature students to be admitted on an Early Application Basis prior to their completion of high school graduation requirements. For additional information contact the Director of Admissions.

Returning Students

A student who has withdrawn in good social and academic standing should address a letter to the Registrar requesting permission for readmission.

A student who has been academically or socially dismissed may, after one semester, reapply for admission by observing the following procedure:

1. The student's letter requesting readmission shall be addressed to the Registrar.
2. The Registrar will examine the student's original records and any work done since his suspension and review social dismissal with the Dean of Students.
3. If there is reason to believe that the student would profit from another opportunity to

do college work, he or she will be permitted to enroll with probationary status following at least one semester of suspension.

4. In the event that it is necessary to suspend the student a second time, he or she will not be eligible to apply for readmission.

Non-degree Seeking Students

Non-degree seeking students are those who are not seeking a degree at Milligan College. These students may be in one of the following categories:

1. Special students

- a. Those students over eighteen who do not meet admission requirements and who, upon acceptance as special students, have two academic years in which to satisfy full admission requirements. At that time, special students may move to the status of degree-seeking students. Academic advisers assist the special student in this process.

These students are not eligible for institutional scholarships or for federal or state financial aid programs. Consideration can be given for Milligan College work/study.

- b. Those students who are already admitted to and enrolled in the College and who temporarily depart from graduation requirements or from a specific curriculum.

Special student status must be granted by the Vice President for Academic Affairs and Dean at the beginning of each semester.

2. Transient students

- a. Those students who are seeking a degree at another institution but who wish to take selected courses at Milligan College. Transient students are not eligible for financial aid at Milligan College. Transient students must submit to the Admissions Office a letter requesting admission and an official college transcript from the last institution attended. The Registrar will evaluate these documents to determine the applicant's admission status. Accepted students will be notified by letter from the Admissions Office.
- b. Those students who take selected courses during a period of time determined by the student. Visiting students, who are not eligible for financial aid, must follow the same admissions process as transient students.

Audits

Persons not enrolled in Milligan College as degree seeking students may enroll as audit students. No credit shall be allowed for this work, and a grade of "Au" shall be assigned. Tuition will be one-half normal tuition charges.

Foreign Students

Milligan College is approved by the United States Department of Justice for education of non-immigrant alien students. Foreign students must present a TOEFL score of at least 550 and prepay all expenses for one semester; \$500.00 of the prepayment will be considered non-refundable.

Ceremony of Matriculation

After all admission requirements have been met, including orientation activities at the beginning of the year, the candidate for admission may participate in the Ceremony of Matriculation.

Matriculation Day ordinarily is during the first week of the semester. At the conclusion of a general assembly, the candidates are escorted to the Matriculation Book which they sign and officially become members of the Milligan Community.

EXPENSES

In order to serve students from a wide range of economic backgrounds, Milligan College has been able to supplement student fees with endowment funds and gifts from organizations and individuals. For this reason expenses at Milligan are somewhat lower than the expenses at other private colleges. Expenses are subject to change without notice.

Expenses for one semester:

Tuition (for 12 to 17 hours)	\$4,100.00
Room Charges (includes basic telephone service)	
Single	\$950.00
Double	\$800.00

Board plans:

20 meals per week	\$850.00
14 meals per week	\$800.00
10 meals per week	\$775.00

Student Activity Fee:

Full-time	\$50.00
Part-time	\$25.00

Technology Access Fee:

For students with a load of 6 or more hrs.	\$50.00
For students with a load of fewer than 6 hrs.	\$25.00

Tuition for each academic hour over 17	\$241.00
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A special schedule determines tuition for 1 to 11 hours.

A special schedule determines tuition for students in Evening College, Summer School, the Business Administration major for nontraditional students, and the M.Ed. program.

SPECIAL FEES

The following fees are required from those who enroll for work in the specified course or receive special privileges. These fees are subject to change without notice.

Studio art courses (Art 250, 350, 375)	10.00
Photography courses (Art 237, 312, 337; Comm. 337)	20.00
Art 311	5.00
Communications 203	5.00
Education 153, 334, 343	10.00
Education 315, 316, 451	15.00
Education 452	75.00
Education 541	5.00
Education 551, 552	100.00
Science laboratory fee	30.00
Language lab fee	10.00
Music 365, 367-8	5.00
Music 110	20.00
Sheet music deposit	15.00
Developmental courses (Math 090, Humn 091 and 093,)	20.00
Communications fee for the following courses:	
COMM 211, 323, 421, and all radio production courses	
One course	35.00
Two courses	45.00
Three courses	55.00
Health and Physical Education 101	10.00
Nursing 111, 211	30.00
Nursing 311, 411	15.00
Theatre 240	50.00

Tuition charges in applied music

One semester hour	\$110.00
Two semester hours	\$185.00

Late Registration Fee

Students who do not complete registration (including completing arrangements with the Business Office) by the last date published to register will be charged a late fee of \$35.00.

Application Fee

An application fee of \$25.00 is required with the application for admission to the College. This fee is not refundable. It defrays part of the expenses of processing an application.

Advance Deposits

Milligan College is limited in the number of students it can accept. Efficient use of dormitory and classroom facilities requires a maximal occupancy. To assure the College of a firm commitment by the student, each dormitory student is charged a student deposit fee of \$150.00. This \$150.00 fee is held by the College in an escrow account, to be returned upon graduation or permanent withdrawal, subject to satisfaction of the student's account with the College.

In addition to the dormitory deposit fee, each student, whether commuting or in the dormitory, is expected to pay a \$50.00 prepayment on account, which reserves a place in the class. These deposits are due within thirty days of the time the student is accepted.

THESE DEPOSITS ARE REFUNDABLE UNTIL MAY 1.

Miscellaneous Fees

Diploma and graduation fee (undergraduate)	\$35.00
Diploma and graduation fee (graduate)	65.00
Transcript fee—after first issue	2.00
Automobile registration fee (per semester)	9.00
Appliance fee in residence hall (per semester)	15.00
Change of course fee	5.00
Audit fee	one-half of the cost of hours taken

PAYMENT OF ACCOUNTS

Student accounts are due and payable on the day of registration each semester. Exceptions are made for those students who cannot meet all of the semester cost at the beginning of the semester as follows:

I. Academic Management Services Budget Payment Plan

This plan allows for payment of college fees in ten convenient monthly payments commencing June 15. The cost of this plan is \$50.00 which includes Life Benefit Coverage: There are no other fees or interest charges. Information concerning this plan is forwarded upon request.

II. Three Payment Plan

A down payment of one-half of the tuition, room and board (after deducting scholarships, grants, and financial aid), plus other class fees is to be paid by registration day. The remaining balance is to be paid in two equal installments falling due one month and two months after the date of registration.

All current accounts are charged 1% interest per month on current charges until October 31 and March 31 for fall and spring semesters, respectively. After these dates, 1 1/2% per month is charged until the account is paid in full.

Summer Session: All charges are payable on the first day of the term.

Other Regulations: No transcript is issued until the student has satisfied all accounts with the College.

Students who have financial aid commitments from the College should secure a letter from the Financial Aid Office with terms and amount clearly stipulated.

Textbooks

Textbooks may be purchased at the Milligan Bookstore. The Bookstore operates on a cash basis, and no books are charged to a student's account unless the student is on a full scholarship. The cost of textbooks usually does not exceed \$300.00 per semester.

Board

The cost of Board is \$850.00 per semester for twenty meals during the week, \$800.00 per semester for fourteen meals during the week, and \$775.00 per semester for ten meals during the week, exclusive of official vacation periods. The dining room is closed during vacation periods. These prices are flat rates for the semester which allow the students to save the clerical and other expense involved when meals are charged individually rather than by the semester. The rates do not provide for any refunds for meals missed.

Refunds

Upon proper notice to the Deans, the Business Manager, and the Registrar, 100% refund of tuition, room rent, and fees are refunded for a student who withdraws prior to the first day of class.

A student who withdraws within the first five calendar days of a semester, beginning with and inclusive of the first official day of classes, receives a refund of 90% of tuition, fees, and room rent.

A student withdrawing between the sixth and fourteenth days of the semester receives a 75% refund of tuition and room rent. There is no refund of fees. A student withdrawing between the fifteenth and thirtieth days of the semester receives a 50% refund of tuition and room. There is no refund of fees. An exception is made for illness, in which case the refund period is extended to the ninth week. Illness must be certified by a physician's written statement.

There is no refund to a student who withdraws or is dismissed for disciplinary reasons.

In the event of withdrawal, no credit is given for scholarships or grants-in-aid.

There is no refund of tuition and room rent after the thirtieth day. In all cases a student is charged only a pro rata share of board based on the number of days enrolled. This policy is applied proportionately to courses of shorter duration than a full semester. Failure to follow proper procedures results in the forfeiture of all refunds.

There is no refund for hours under 12 or over 17 dropped after the fourteenth calendar

day of the term. This policy is applied proportionately to courses of shorter duration than a full semester.

First-time students receiving Title IV financial aid who withdraw during the first 60% of their first enrollment period must have refunds determined by following the federal government's Pro-Rata Refund Policy. Students who receive Title IV Financial Aid and withdraw from the College must have refunds determined by following the federal government's Title IV Refund Policy.

FINANCIAL AID

Milligan College offers a comprehensive program of financial aid for students who otherwise would be unable to continue their education. Through this financial aid program an eligible student may receive one or more types of financial aid. Before students or parents decide a college education is too expensive, they should investigate the possibility of obtaining financial aid through the College.

Any student who applies for admission to Milligan College is eligible to request financial assistance. If admission is offered, financial aid requirements are met, and financial need is demonstrated, Milligan attempts to meet a portion of that need.

General Requirements for Financial Aid

1. Apply for admission to Milligan College
2. Be classified as a regular, degree-seeking student
3. Be enrolled at least half-time (six hours per semester)
4. Follow satisfactory academic progress policies

A student must demonstrate satisfactory academic progress to receive Title IV student aid. Copies of this policy are available in the Financial Aid Office. No student may receive Title IV student aid as assistance beyond twelve semesters of attendance.

Financial Aid Application Process

(Federal Pell Grant, Federal SEOG, Federal Work/Study, Milligan College Work/Study, Stafford Loan, Federal Stafford Loan, Federal Unsubsidized Stafford Loan, Federal Perkins Loan, Federal PLUS Loan, Perkins Loan, PLUS Loan, Tennessee Student Assistance Award, Milligan College Scholarships):

1. Complete a Free Application for Federal Student Aid and mail it to the processor.
 - a. All students must complete a Milligan College Financial Aid Application.
 - b. Be sure to include Milligan's code (003511) on the FAFSA application.
 - c. For a Tennessee Student Assistance award, students should complete the FAFSA by March 1.

d. For a Federal Stafford Loan, complete the section requesting Stafford information. A Stafford or PLUS Loan application may be obtained from a bank or the Financial Aid Office. After completing the application, send it to the Financial Aid Office for certification. The application will be mailed to the bank of the student's choice for final processing. More information may be obtained from banks, lending institutions, or the Tennessee Student Assistance Corporation.

2. Students who have attended another post-secondary educational institution are **REQUIRED** to have a **FINANCIAL AID TRANSCRIPT** mailed to Milligan from their previous schools whether or not they received financial aid.

Financial Aid Calendar

March 1 Priority Deadline for mailing the Free Application for Federal Student Aid (FAFSA) to the processor.

March 1 Priority Deadline for mailing the Milligan College Financial Aid Application to Milligan College

April 10 Priority Deadline for mailing any other requested documents to the Financial Aid Office. This includes Financial Aid Transcripts, copies of tax returns, signed certification statements, student aid report, institutional verification form, etc.

It is important to meet the priority deadlines. Some awards are based on a first-come, first-served basis.

TYPES OF FINANCIAL AID

Grants

Grants are financial aid programs that do not have to be repaid. Eligibility for a grant is determined by the student's financial need. Milligan participates in the following grant programs:

Federal Pell Grant

Federal Supplemental Educational Opportunity Grant (SEOG)

State Student Incentive Grant (for residents of Tennessee, Pennsylvania, and Vermont)

Nursing Coalition Education Grant

A grant of \$3,000 per year is available to all students pursuing a Bachelor of Science in Nursing degree, regardless of need. The first two years of the grant carry no obligation on the part of the student. Accepting the grant for the third and fourth years of the program obligates the student to accept employment with one of the sponsoring hospitals for one year at prevailing salaries and benefits.

Campus Employment

The Federal Work/Study Program provides jobs for students who need financial aid and must earn part of their educational expenses. The amount of the FWS award depends on

financial need and the amount of funding the College has for this program. Jobs are assigned by the Work/Study Coordinator, and the rate of pay is at the current federal minimum wage.

The Milligan College Work/Study Program is similar to the Federal Work/Study Program, except that the funding is provided by the College and the earned wages are applied directly to the student's account.

Loans

Several low-interest, government-subsidized loans are available. Most are not to be repaid until the student leaves school, with the interest accrual beginning with repayment. The following loan programs are available:

- Federal Perkins Loan

- Federal Stafford Student Loan

- Tennessee Teacher Loan/Scholarship (Tennessee residents only)

- Federal Parents Loan for Dependent Undergraduate Students (PLUS)

- Federal Unsubsidized Stafford Loans

Scholarships

Milligan College offers a number of scholarships to students who demonstrate academic promise and achievement. The program is designed to recognize students with outstanding academic records.

The Honors Scholarship is offered to students who excel academically in their high school programs and on the ACT or SAT exam.

The Presidential Scholarships in varying amounts up to \$2,000 per year for four years are awarded to outstanding Christian young people on the basis of a minister's recommendation, an essay on an assigned topic, and financial need. A minimum Enhanced ACT of 20 is required.

The Hopwood Scholarships are awarded on the basis of ACT/SAT scores, high school and college grade averages, and outstanding service in extra-curricular activities.

Music Scholarships in varying amounts are offered to music majors and minors. Awards are made on the basis of an audition.

The NACC Bible Bowl Scholarship for \$5,000 toward four years at Milligan is awarded to any member of the first or second place Bible Bowl Team at the North American Christian Convention. Scholarships in varying amounts are also awarded to the top twenty scorers on the Individual Achievement Test. Recipients must maintain a 2.5 g.p.a. each semester.

The Milligan College Bible Bowl Scholarships in varying amounts are awarded to winners in the Milligan College Bible Bowl Tournament, in the Round Robin Competition, and on the Individual Achievement Tests. Recipients must maintain a 2.5 g.p.a. each semester.

The Derthick Scholarship is awarded to junior college graduates who wish to complete their education at Milligan.

Carter, Washington, Sullivan, Johnson, and Unicoi County Scholarships of up to \$1,000 a year for a two-year period are available to a limited number of students who graduate from a high school within the counties listed. An Enhanced ACT of 19, a GPA of 2.5, and a principal's recommendation are required. To retain the award for the full two years, a 2.0 GPA is required.

Upper Division Area Scholarships are given to upperclassmen in each academic area. Awards are based on the student's overall grade point average and individual promise in the designated major.

Athletic Scholarships in varying amounts are awarded to outstanding athletes in Men's Basketball, Men's Baseball, Men's Tennis, Women's Volleyball, Women's Softball, Women's Basketball, Women's Tennis, and Golf. Recipients must be recommended by the appropriate coach and approved by the Scholarship Committee.

The following endowed or funded scholarships are available:

Awards

The Wiley Wilson Award of \$500 is given to a rising senior who is an outstanding ministerial student.

The Hagan Awards are awarded to outstanding students who are theatre arts minors and/or who are active in the Milligan drama program.

The Kate Rice Blankenship Memorial Award is a cash award given to a worthy senior girl who has worked her way through three years of study at Milligan.

Funds

The Lovelace Education Fund provides a scholarship for a native American Indian from the Cherokee reservation.

Memorial Scholarships

The F. L. Broyles Memorial Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Charles E. and Florence A. Burns Memorial Scholarship is awarded to an outstanding Christian student majoring in religion, pre-med, or teaching.

The Harold and Helen Eswine Memorial Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Sylvester Hughes Memorial Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The James H. Magness Memorial Scholarship is awarded to a worthy freshman student from the Mountain Christian Church, Joppa, Maryland.

The Richard Charles Millsaps Memorial Scholarship is awarded to a student from Johnson County.

The B. D. Phillips Memorial Scholarship is awarded to an outstanding music student.

The Harold W. Scott Memorial Scholarship is awarded to an outstanding ministerial student who demonstrates financial need.

The Roy G. True Memorial Scholarship is awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

Scholarships

The Donald E. Bush Scholarships are awarded to majors in the area of business.

The Virginia Gardens Christian Church Scholarships are awarded to outstanding students who are pursuing training in any area of Christian Service.

The Thurman Earon Scholarship is awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Donald Galley Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Mary Hardin Scholarship is awarded to promising students who need financial assistance.

The Naomi B. Helm Scholarship is given to a deserving young woman who is preparing for a career in teaching.

The Patricia Huffine Scholarship is awarded to a deserving student from a designated area of Illinois.

The Jones Family Scholarships are awarded to outstanding History and English students.

The Carla B. Keys Scholarships are awarded to students with outstanding academic records.

The Lula Kilday Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Genenieve Ross Lawson Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Joe and Lora McCormick Scholarship is awarded to a student from the First Christian Church of Johnson City, Tennessee.

The Lonnie W. McCown Scholarship is awarded to promising students who need financial assistance.

The Grace McMahan Ministry Scholarships are awarded to outstanding students preparing for ministry.

The Joan Millar Scholarship is awarded to a currently enrolled student on the basis of need.

The Hobart and Myra Millsaps Scholarship is awarded to a junior or senior who plans to enter the field of education.

The Sarah Morrison Scholarships are awarded to outstanding students in the areas of Bible and education. Recipients must be juniors or seniors and must have demonstrated financial need.

The Guy and Rhea Oakes Scholarships are awarded to returning students who write excellent essays on the topic "Why I Recommend Milligan To My Friends."

The W. V. Ramsey Scholarship for \$1,000 is awarded to an outstanding ministerial student. The recipient must be a member of the Christian Church and must demonstrate a financial need.

The Martin Roark Scholarship is awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

The Philip Scharfstein Scholarship is awarded to an outstanding business administration major.

The Shaffer German Language and Literature Scholarship is awarded to an outstanding student who is a German/Humanities major or a German minor.

The Sisk Scholarship is awarded to an outstanding science student.

The Ralph Small Scholarship is awarded to an outstanding student in the area of communications.

The Social Learning Scholarship is awarded to a junior or senior Human Relations major who also is studying a foreign language. Candidates must demonstrate academic proficiency and financial need.

The Ernest Spar English Scholarships in varying amounts are available to English majors and are awarded on the basis of the student's grade point average and overall ability in English.

The Mr. and Mrs. Roger W. Speas Scholarship is awarded to an outstanding student in the area of communications.

The Stewart-Roberts Scholarship is awarded to an outstanding music student.

The Mr. and Mrs. W. B. Stump Scholarships are awarded to students who have extreme need in excess of other financial aid available. New students must have an Enhanced ACT of 21 and recipients must maintain a 2.5 GPA.

For more information regarding scholarships contact the Chairman of the Scholarship Committee.

The G.I. Bill

Milligan College is eligible to receive veterans and other eligible persons who are entitled to benefits under Chapters 30, 32, or 35, and 10 USC106 Title 38 United States Code.

To receive this federal financial aid while attending Milligan College, a student must meet the following academic standards.

Sophomore - 26 hours earned, must have a 1.6 GPA

Junior - 58 hours earned, must have a 1.8 GPA

Senior - 92 hours earned, must have a 2.0 GPA

Each student is given one probationary semester before federal aid is withdrawn. Payments are made each month directly to the veteran. The Veterans Administration provides counseling and vocational planning service for any veteran who needs this assistance. Students wishing additional information may contact their nearest Veterans Administration Office or write to the Registrar's Office of Milligan College.

ACADEMIC INFORMATION

Requirements for a Degree

A student advancing to the baccalaureate degree may select the Bachelor of Arts or Bachelor of Science degree. The Bachelor of Arts degree is conferred in all fields in which the College offers a major. The Bachelor of Science degree is conferred only in the fields of Accounting, Biology, Business Administration, Chemistry, Communications, Computer Science, Early Childhood Education, Elementary Education, Health Care Administration, Health and Physical Education, Human Relations, Legal Assistant, Mathematics, Nursing, Psychology, and Sociology. The major difference in the two degrees is that a foreign language is required for the Arts degree. The specific degree requirements are stated in the introduction to the areas.

A total of 128 semester hours is required for graduation. A student transferring from another college must be in residence during the two semesters (may include one nine week summer session) immediately preceding graduation and must successfully complete not fewer than 25 percent of the total semester credit hours through instruction at Milligan College.

To provide a foundation for advanced studies Milligan requires of all students the inclusion of the following courses in their programs:

Bible 123, 124, 471
Humanities 101, 102, 201, 202
Psychology 100 and three additional hours in psychology
Health & Physical Education 101 and one additional hour of activity
Biology, Chemistry, or Physics, eight hours
Sociology, Economics, Geography, or Political Science, six hours
Communications 102 or an acceptable substitute
Mathematics, three hours
Foreign Language through the intermediate level for those seeking a B.A. degree

The candidate for the degree must also present a major, minor, and electives to total 128 hours of credit.

Students may earn a second baccalaureate degree distinct from the first by completing at least thirty semester hours in another major and minor.

Rising juniors are required to take a test covering general knowledge.

Graduating seniors are required to take a test covering their knowledge in their major field of study.

Students diagnosed as having a deficiency in math, reading, study skills, and/or writing must enroll in the appropriate Developmental Studies course(s) as a graduation requirement. **Hours earned below the 100 level will be in addition to the 128 hour graduation requirement.**

Bible 123 and 124 must be taken in the first two semesters a student is enrolled in Milligan College.

Humanities 101 and 102 are required of all freshmen. Humanities 201 and 202 are required of all sophomores.

Psychology 100 is required of all freshmen during the first semester of attendance.

The Health and Physical Education requirements should be satisfied in the freshman year.

The Associate in Science degree requires 64 semester hours and is conferred in the field of Education. A student seeking the A.S. degree must complete no fewer than thirty

semester hours in Milligan College. The specific course requirements are outlined in the introduction to the area.

For requirements for the Master of Education degree, see Page 119.

Students may graduate under the regulations prescribed in the Catalog in effect at the time of their entrance into the College, provided these requirements are met within six years; otherwise they are required to meet current degree requirements. The six-year limitation is extended for the length of time in military service for students who enter service after enrolling at Milligan.

All courses listed in this Catalog are not necessarily offered each year. Students should consult with their advisers to plan their curriculum.

Chapel/Convocation

Each semester Milligan College sponsors a chapel and convocation series consisting of programs of a broad range of interest for the intellectual and spiritual growth of its students.

Attendance at these services is required of all day students. Eight semesters of satisfactory chapel/convocation attendance is required for students completing all course work at Milligan College. **If a student does not attend the required number of services, eligibility to return to Milligan for the next semester is forfeited.**

Class Attendance

Milligan College makes no provision for a system of allowed absences, sometimes called "cuts." The student is expected to attend each meeting of the classes in which he or she is enrolled. Absence from a session of the class involves a loss in learning opportunity for which there is no adequate compensation. The teacher's evaluation of the work done by the student is necessarily affected by such absence. Penalties for absences have been adopted by each area and are stated in individual class syllabi.

The College Calendar

The Milligan College calendar of classes is organized on a semester basis. Classes will be in session for fifteen weeks plus the final examination period. The College also offers a summer session consisting of two 4 1/2 week terms. In addition to these regularly scheduled terms students may earn one or two semester hours of credit in independent study during the period between the fall and spring semester and/or between the spring semester and the summer session. These intersession courses shall count as residence credit.

Evening College

In order to provide an opportunity for study at Milligan to those students whose work and/or family responsibilities occupy their days, courses are offered during the evening. These courses are the same courses which are taught during the day and will lead to a major in Legal Assistant studies and a minor in Accounting. Courses which fulfill general education requirements, such as Humanities, Science, Education, and Bible, are also

available. The Office of Adult Education Programs also administers the Business Administration major for adults which is described on Pages 110-112. Students desiring more information about this program should call (615) 461-8782 or (800) 262-8337.

Advisers

All freshman students entering Milligan College are assigned a faculty mentor who works closely with them. Near the end of the freshman year the student becomes the advisee of a faculty member in the discipline in which the student is majoring.

The students must have their class schedules approved by their advisers before they are eligible to complete registration. Mid-term and semester grade reports are made available to the students through their advisers. Students are encouraged to consult with their advisers on a regular basis.

Majors and Minors

As the student progresses toward the baccalaureate degree, he or she selects a field of work for concentrated study. This selection is ordinarily made early in the junior year and is subject to change only after consultation with the Dean, Registrar, and faculty adviser. Selection of a field of concentration may be made from the following: Accounting, Bible/Ministry, Biology, Business Administration, Chemistry, Christian Education, Church Music, Communications, Computer Science, Early Childhood Education, Elementary Education, English, Family Ministry, Fine Arts, Health Care Administration, Health and Physical Education, History, Human Relations, Humanities, Legal Assistant Studies, Mathematics, Missions, Music, Nursing, Psychology, Sociology, and Youth Ministry. A student may declare as a major only those majors which are available at Milligan or available through one of the established cooperative agreements.

In addition to this field of major concentration, the student selects one field of minor concentration. Hours counted toward a major may not be counted also toward a minor or a second major.

Minors are available in Accounting, Art, Bible, Biology, Business Administration, Chemistry, Christian Education, Christian Ministry, Church Music, Communications, Computer Science, Economics, English, French, German, Greek, Health, History, Human Relations, Mathematics, Missions, Music, Philosophy, Physical Education, Physical Science, Political Science, Psychology, Sociology, Spanish, Theatre Arts, and Youth Ministry.

A transfer student must take at least six semester hours in Milligan in the major field of study.

Grade Point Average

The terms used in evaluating a student's work are letters with a grade point value. Advancement to the baccalaureate degree is contingent upon the completion of 128 semester hours with a total of 256 quality points. The grade point average (GPA) may be determined by dividing the total number of quality points by the semester hours attempted. The following table of values is observed in all courses.

- A = 4.0 quality points
- A- = 3.7 quality points
- B+ = 3.3 quality points
- B = 3.0 quality points
- B- = 2.7 quality points
- C+ = 2.3 quality points
- C = 2.0 quality points
- C- = 1.7 quality points
- D+ = 1.3 quality points
- D = 1.0 quality points
- D- = .7 quality points
- F = 0.0 quality points
- S = Satisfactory--not computed in grade point average
- U = Unsatisfactory--no quality points
- W = Withdrawn
- I = Incomplete--not computed in grade point average

With the approval of the instructor and the adviser, a student may withdraw from a class through the eleventh week of classes. Courses dropped are evaluated with the grade "W."

Library Services

Students find in the P.H. Welshimer Memorial Library a wide variety of materials to support their academic work and some leisure time reading materials as well. These resources include the traditional types of library materials: books, journals, magazines, documents, papers, correspondence, phonograph records, audiocassettes and videocassettes (92,238 book and periodical volumes; 25,476 microform document volume-equivalents; 2,960 units of non-print materials; and 647 current periodical subscriptions). Newer types of resources, such as information databases on compact discs, are available as well.

The ability to research, locate, and utilize information is an important life-long skill. Library staff assist students in adding to their knowledge of how to use libraries and in finding what they need for assignments.

The Library participates in resource-sharing agreements with the libraries of Emmanue School of Religion, East Tennessee State University (main campus and medical school) and three private colleges in the surrounding region. This provides access for Milligan students to many resources beyond the considerable holdings of the Welshimer Library. Further, membership in the Southeastern Library Network provides interlibrary loan access to the holdings of thousands of additional libraries.

Special collections within the Library contain materials on the history of Milligan College, Restoration Movement history, and local history.

Testing Services

All entering students are evaluated in the basic skills of reading, writing, and mathematics. Proficiency in these basic skills is a requirement for graduation. Services are provided to help students attain this proficiency (see Developmental Skills Program).

Those students electing the education profession are required to pass, at the state established norms, the screening exams established for this profession by the State of Tennessee and the Milligan College Education Area (see Education Area).

The College Level Examination Program and DANTES are available to all students interested in receiving college credit for studies already completed, studies independently learned, or work experience equivalent to studies learned. Tests are available on demand. There is a fee for each test taken.

The Miller Analogies Test is available upon request for those entering graduate studies.

A testing bulletin is available in the Office of Testing describing the services of that office.

Prior Learning Assessment

Milligan College recognizes that not all college-level learning occurs in a college classroom. Prior learning assessment programs provide a method by which such learning can be evaluated for college credit. The key to success in earning credit is the documentation of knowledge and skills appropriate to courses included in the Catalog. Students interested in a particular form of assessment should contact the appropriate office for further information.

The Testing Office evaluates and/or administers these programs:

- Advanced Placement Program
- College Level Examination Program (CLEP)
- DANTES Program
- International Baccalaureate Program

The Adult Education Office processes the following programs:

- Portfolio assessment
- Evaluation of military credit
- American Council on Education's National Guide to Educational Credit for Training Programs
- Program on Noncollegiate Sponsored Instruction (PONSI)

The American Council on Education and the Program on Noncollegiate Sponsored Instruction evaluate some corporate training as well as some proprietary programs (e.g., the Dale Carnegie Public Speaking course).

The Prior Learning Assessment Programs brochure (available in the Adult Education Office) contains additional information about these programs.

Courses at Another Institute

Students desiring to take courses at another institution while they are degree-seeking students at Milligan College must have all work approved by the Registrar prior to enrollment. Students enrolled concurrently at another institution must count the number of hours with the hours at Milligan in determining a full load for the semester.

Correspondence Credit

Students desiring to take correspondence courses through another college must have written approval from the Registrar. Only six semester hours of correspondence study are recommended, and no more than twelve semester hours are accepted toward a degree program. A student enrolled for a correspondence course must count the number of correspondence hours with the regular semester load in determining a full load for the semester. A transcript should be sent to the Registrar of Milligan College upon the completion of the course.

Honors

The degree may be awarded with honors to a student who has completed all requirements for a baccalaureate degree. Transfer students may not receive honors greater than the level warranted by the grade point average earned at Milligan.

The degree with honors is divided into three levels as follows: Summa Cum Laude, based on a grade point average of 4.00; Magna Cum Laude, based on a grade point average of at least 3.75; and Cum Laude, based on a grade point average of at least 3.50. Honors are determined at the close of the next to last semester prior to graduation.

At the close of each semester, the Office of the Dean publishes a list of students who have done outstanding work during that semester. The Dean's List is composed of students who earned semester grade point averages of 3.50 to 4.00.

Probation and Dismissal

A student who fails to receive a 2.0 grade point average during any semester of enrollment in Milligan or who fails to have a 2.0 cumulative grade point average is placed on academic probation or dismissed. The student's social behavior and attitude exhibited toward academic pursuit are factors in determining probation or dismissal. If the student fails to achieve a 2.0 the following semester, the College is not obligated to grant the privilege of further study at Milligan College (see Pages 18-19).

Milligan College is seriously concerned that every student who enters the College makes progress toward the attainment of a degree. Consequently academic progress is judged to be paramount to the many extracurricular activities that are available to students at Milligan. Every student is encouraged to participate in extracurricular activities; but in those cases where participation is deemed to be detrimental to the student's academic progress, it is the policy of the College to limit such participation. In order to participate the student must maintain the following grade average: rising sophomores, a 1.6; and rising juniors and seniors, a 2.0. Additional limitations may be imposed as deemed appropriate by the Academic Dean.

Reports

The Registrar issues to the parent or guardian the faculty evaluation of each student's work following mid-semester and final examinations. Upon request the Registrar issues grades directly to a financially independent student.

Classification

Progression toward the baccalaureate degree is measured by four ranks or classes, which are determined by the number of hours earned. These are freshman, 26 hours; sophomore, 52 hours; junior, 78 hours; senior, 92 hours. The period of an academic year must ordinarily be allowed for attainment of the next higher rank.

Transcripts

Official transcripts of the student's record in Milligan are furnished only upon the request of the student.

One transcript is issued to each student without charge; subsequent transcripts are issued at the rate of \$2.00 each.

Transcripts are withheld if the student or alumnus has an unsettled obligation to the College.

Withdrawal from College

No student may withdraw from the College without the permission of the Dean. Upon securing the consent of the Dean, the student is expected to meet all obligations involving instructors, fellow students, deans, dormitory residents, business manager, and registrar.

Students who leave the College without fulfilling these obligations receive "F's" in all courses in which they are enrolled and forfeit any returnable fees which may have been paid the College.

Students withdrawing from the College during the first eleven weeks of the semester will receive a grade of "W" in all courses. Withdrawals from the College after the eleventh week will be recorded with "W" or "F" at the discretion of the instructor. A student who does not withdraw by the official procedure will receive an "F" for each course.

The College may administratively withdraw a student who is not attending class or otherwise not demonstrating a serious academic effort.

Withdrawal from a Class

A student may, with the approval of the instructor and the adviser, withdraw from a class **except Bible 123, 124; Humanities 101, 102, 201, or 202; Developmental studies** through the eleventh week of classes. Classes dropped are evaluated with the grade "W."

Medical and Law Students

The pre-medical and pre-dental programs at Milligan are highly competitive and quite variable, depending upon the student's choice of major and minor. Milligan graduates have generally been successful in obtaining admission to medical and dental schools throughout the nation. Additional information may be obtained from the pre-medical and pre-dental advisers.

Milligan College does not recommend or offer a major in "pre-law" as such. This stand is in keeping with both the broad educational philosophy of Milligan College and the philosophy expressed by the Statement of the Association of American Law Schools on Prelegal Education. American law schools do not encourage the undergraduate student to "learn the law," but rather stress the necessity of the pre-law student's acquiring certain comprehensive skills, such as "comprehension and expression in words," "critical understanding of human institutions and values," and the development of "creative power of thinking." While a student planning for a specific phase of the law (e.g., tax law) may find certain undergraduate majors or courses desirable (e.g., business or accounting), any solid academic major is equally acceptable to American law schools and recommended by Milligan College.

The baccalaureate degree is conferred by Milligan College upon a student who enters a standard medical or law college before completion of the baccalaureate degree, subject to the following conditions:

- Completion of six semesters or ninety hours in residence in Milligan College.
- Fulfillment of all general education requirements and completion of a minor.
- Submission to the Registrar of the credits earned in the medical or law school.

CO-OPERATIVE PROGRAMS

Co-operative programs enable students to enjoy the advantages of the distinctive ministries of two colleges. Mutual recognition of credit enables students to transfer with more ease when vocational choices require preparation not available in their present schools. Further information may be obtained by writing the Academic Dean.

Mortuary Science

Milligan College has a cooperative program with Mid-American College of Funeral Services. The program requires a minimum of ninety semester hours of academic work at Milligan College and one year of professional training at Mid-American College of Funeral Services. Upon successful completion of the four-year program and upon receiving a satisfactory score on the National Board Examination sponsored by the Conference of Funeral Service Examining Boards, the student is eligible to receive a Bachelor of Science degree from Milligan College. The ninety semester hours required in Milligan College include sixty hours of general liberal arts courses including Bible, social studies, science, and the humanities. In addition, the student completes an academic minor in one of the areas of the humanities, social sciences, sciences, or business.

ROTC

Milligan College students are eligible to participate in the Reserve Officers' Training Corps program through East Tennessee State University. Interested persons should contact the Office of the Dean for further information.

The Bachelor of Science Degree with a Major in Medical Technology

Milligan College is officially affiliated with both Western Carolina University, Cullowhee

North Carolina, and Holston Valley Hospital and Medical Center School of Medical Technology, Kingsport, Tennessee. A Milligan student may become eligible for the national certification examinations, the Tennessee licensure examination, and the Bachelor of Science degree with a major in Medical Technology by:

- 1) Successfully completing the recommended curriculum of Milligan classes as prescribed by Milligan and the affiliate.
- 2) Successfully completing the approved program at either of the affiliates or a similar program in some other approved school.

A university based program in Medical Technology is available through an arrangement with Western Carolina University. This program involves either two or three years at Milligan College and two years at the University. The five-year format results in the granting of dual degrees from both institutions.

The fourth year at Holston Valley includes the study of hematology, clinical chemistry, immunohematology, and micro-biology in both the classroom and the laboratory. To be considered for admission to the fourth year, a student must have a minimum grade average of 2.5. However, since Holston Valley can accommodate only ten members in a class, selection is competitive and is determined by the professional school. The degree is awarded by Milligan College.

For additional information contact the Chairman, Area of Scientific Learning.

WESTWOOD CHRISTIAN FOUNDATION

The Westwood Christian Foundation, Los Angeles, California, exists for the purpose of supporting Christian scholarship in great centers of learning. Milligan, along with other undergraduate and graduate institutions in California and elsewhere, is associated with the Foundation.

OPPORTUNITIES IN THE CHRISTIAN COLLEGE COALITION

Because Milligan College is a member of the Consortium of more than 78 private liberal arts Christian colleges and universities, a number of off-campus learning opportunities exist. These include an American Studies program in Washington, D.C., an Environmental Studies Program, a Latin American studies program in Puerto Rico, the Los Angeles Film Studies Center, and an increasing number of overseas travel programs which are being developed. Additional information and application materials are available in the office of the Vice President for Academic Affairs and Dean.

The American Studies Program

The American Studies Program (ASP) in Washington, D.C. is a semester-long internship/seminar program for upper division students in most majors who are interested in having "real world" on-the-job experiences and in exploring current national and international issues with Washington professionals. ASP serves as Milligan College's Washington campus and students may earn up to 16 semester hours of credit toward their degree. The program is designed to help students from Christian colleges throughout North America

gain the experiences they need to live and work in a faithfully biblical way in society and in their chosen fields.

POLITICAL SCIENCE

360. The Presidency--See Political Science 360.

361. Domestic Politics--See Political Science 361.

370. International Affairs--See Political Science 370.

ECONOMICS

360. The U.S. Economy--See Economics 360.

FIELD WORK

491. Field Work--See Political Science 491, Psychology 491, Sociology 491, or Business Administration 491.

The Au Sable Institute of Environmental Studies

Located in Michigan, this program offers courses which cover different aspects of environmental studies, ecology, and stewardship. Ecological information is provided along with experience in both field and laboratory techniques.

Latin American Studies Program

An opportunity to live and learn in Latin America is available to students from coalition member colleges through the Latin American Studies program. Located in San Jose, Costa Rica, the program is committed to helping students examine and live out the Lordship of Jesus Christ in an international context.

Each semester a group of approximately twenty students is selected to participate in this seminar and service experience in Latin America.

Los Angeles Film Studies Center

The Christian College Coalition inaugurated a Los Angeles Film Studies Center with opportunities for student involvement in January 1991. This center which serves as an extension campus for coalition institutions incorporates study programs and internship experiences in the Hollywood area for gifted students from member colleges and universities. Its purpose is to enable its graduates to serve in various aspects of the film industry with professional skill and Christian integrity.

Overseas Study Opportunities

Several opportunities for overseas study are available through the coalition. An Oxford summer program provides study possibilities in England. Work is progressing toward study opportunities in the Soviet Union.

STUDIES ABROAD PROGRAM

Through an agreement with Springdale College, a member of the Federation of Selly Oak Colleges, Milligan offers a study-abroad program in England. For approximately five months students may study at Springdale College and the University of Birmingham. For more information contact the Dean or the Registrar.

The College has a co-operative arrangement with the Theological College of Churches of Christ of New South Wales (Sydney, Australia). This is a ministerial training school, offering primarily ministerial courses at the undergraduate level.

Students arrange their courses of study by mutual consent, paying regular tuition to their own institutions and room and board to the host college.

EAST TENNESSEE STATE CO-OPERATIVE PROGRAM

With approval of the Registrar, Milligan students who wish to enroll in courses not available at Milligan may do so at East Tennessee State University. This work is considered part of the Milligan program, and tuition for these courses is payable to Milligan. However, students will be responsible for providing their own transportation to and from Johnson City.



AREAS OF INSTRUCTION

Milligan College proceeds upon the assumption that all knowledge is one. The modern practice of fixing the data of learning in separate categories is not looked upon with favor at Milligan; too much has already been seen in the fruits of the separation of culture, technology, and faith. However, there is value in recognizing man's basic areas of learning: that which comes from the revelation of God, that which derives from human experience, and that which is seen in nature. Milligan provides for the isolation of these areas of knowledge, only with the understanding that this division of studies will be made the instrument of greater cooperation and sympathy among the several fields of scholarly investigation. Milligan thus organizes its academic program into five areas of learning: the Area of Biblical Learning, the Area of Humane Learning, the Area of Social Learning, the Area of Scientific Learning, and the Area of Professional Learning. Each of these areas is presided over by an academic chairman, and these chairmen, together with the Academic Dean, constitute the Academic Committee, whose responsibility it is to determine curricula and academic policies.

Each area consists of several sub-areas of disciplines as follows:

Area of Biblical Learning

Christian Ministries	Missions	Religion
Bible	Religious Education	
	Family Ministry	

Area of Professional Learning

	Education
Economics	Business Administration
	Accounting
	Health & Physical Education
Computer Science	Legal Assistant

Area of Humane Learning

Music	Art	English
French	Greek	Spanish
German	Hebrew	Humanities
Theatre Arts	Philosophy	Communications
	Fine Arts	

Area of Scientific Learning

Biology	Physics	Chemistry
Mathematics	Nursing	

Area of Social Learning

History	Psychology	Sociology
Human Relations	Geography	Political Science
	Health Care Administration	

DEVELOPMENTAL STUDIES

Some students come to college weak in a variety of basic skills and strategies required for success in their course work. The Developmental Studies classes in mathematics, writing, and reading and study skills give students the opportunity to develop more proficiency in these areas. Applicants with ACT scores of below 19 in math or SAT numerical scores of below 450 are required to take Developmental Math. Applicants with ACT subscores of below 21 in English or with SAT verbal scores of below 460 are required to take Developmental Reading and Study Skills their first semester. Applicants whose performance on a writing sample indicates a need for special writing assistance are required to take Developmental Writing their first semester. An additional assessment test in reading and mathematics is offered during orientation for students who wish to challenge their need for special assistance. Transfer students are evaluated for Developmental Studies on the basis of performance on previous college-level work. Students whose first semester performance in freshman Humanities indicates a need for assistance may be placed in Developmental Reading and Study Skills and/or Writing the following semester.

Students placed in Developmental Reading and Study Skills and Writing cannot withdraw from these courses. Upon demonstrating the ability to do "A," "B," or "C" work consistently in other courses being taken at the same time, a student may be dismissed from Developmental Reading and Study Skills or Writing before the semester is completed and will receive credit for the course. Failure to pass either course requires that the student retake the course the following semester. A minimal grade of "C-" is required to pass Developmental Studies courses.

Individual assistance in reading, writing, or study strategies is also offered for other students who wish to improve their abilities to achieve college success.

Mathematics--see Mathematics 090

Reading and Study Skills--see Humanities 091

Writing--see Humanities 093

These hours do not count toward the 128 hours required for a degree but are included in the student's GPA.



Area of Biblical Learning

Dr. William C. Gwaltney, Jr., Chairman



BIBLE/MINISTRY

The Bible, the written revelation of God to mankind, is central to the curriculum in Milligan College. The Bible is not only a treasury of the world's literature, history, philosophy, and ethical wisdom but also the mind and will of God laid bare to the human race. It speaks, therefore, to every human situation and area of learning because the mind and will of God embrace all of these. Consequently, no one can be considered an educated person without at least a working knowledge of God's purpose as expressed in the Scriptures.

A knowledge of the Bible and skill in its interpretation take account of the historical setting--geographical, cultural, linguistic, social--of the peoples to whom the Bible was first given. Only by such careful study and training can the vastness and complexity of the Bible yield the religious and cultural synthesis sought in Milligan.

The first aim of biblical study is to introduce to students the content of the Christian revelation in such a way as to assist them in effective living and service in any vocation. The vocational aim is also met by such study directed toward specialized ministries.

In addition to the Bible courses which are required of all students in Milligan College (Bible 123-124, 471), the major in Bible/ministry consists of thirty-one hours which must include Bible 201 and 202; six hours of Old Testament; History 341-342, 431-432; Christian Ministries 250 for two hours, 273, 276 or an acceptable Christian Ministries option that augments the student's vocational objectives, and 491 for two hours. The Bible/Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Bible minor consists of eighteen hours equally distributed between Old and New Testament studies, but it shall not include Bible 471. The student minoring in Bible is urged to consult with the Area Chairman in the selection of these courses.

A special concentration in biblical studies is available only to those who are also majoring in elementary education. In addition to the Bible courses required of all students, the concentration includes Bible 201, 202, six hours of Old Testament, and six hours of electives from either Old or New Testament.

110. *An Introduction to the Restoration Ideal*--A review of the Stone-Campbell Movement in the Nineteenth Century and its doctrinal and practical implications for the Christian Churches in the latter part of the Twentieth Century. One semester hour.
123. *Old Testament Survey*--An examination of the Old Testament, its content, background, and significance. Required of all students. Three semester hours.
124. *New Testament Survey*--A study of the New Testament, including a survey of its Jewish and Hellenistic backgrounds. Required of all students. Three semester hours.
201. *The Life of Christ*--A study of the four Gospels with the intent of showing Christ as a person, teacher, and minister. Also treated in the course is the harmony of material in the Gospels. Three semester hours.
202. *The First Century Church (Acts)*--An analysis of the history and nature of the early church drawn from the Book of Acts and New Testament epistles. Three semester hours.
251. *Institutions of Israel*--A study of the social, political, and religious institutions of ancient Israel. Three semester hours.
252. *Biblical Archaeology*--A study of the history and techniques of archaeology in the biblical world as a historical science together with a survey of Palestinian history as reconstructed by the latest archaeological evidence. The uses of archaeological data for biblical studies are emphasized. Three semester hours.
295. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.
- 301-302. *The Prophets*--A careful exegetical study of the prophetic books of the Old Testament to determine the character, message, and social and political background of each prophet. Three semester hours each semester.
303. *Old Testament Faith*--An introductory study of the major themes of the Old Testament. Three semester hours credit.
321. *Prison Epistles*--An exegetical study of Philippians, Colossians, Philemon, and Ephesians. Three semester hours.
322. *Pastoral Epistles*--An exegetical study of 1 and 2 Timothy and Titus. Three semester hours.
324. *Johannine Literature*--A study of the contents and themes of the Johannine Epistles and the Gospel of John. Three semester hours.
325. *Apocalyptic Literature*--A study of the Book of Revelation and other eschatological and apocalyptic passages in the New Testament in the context of Jewish apocalypticism. Three semester hours.

351-352. *The Pentateuch*--A study of the major theological concepts and themes of the five books of the Pentateuch, with an exegetical study of some particularly important passages and with some attention to literary types and structures. Three semester hours each semester.

411. *Corinthian Correspondence*--A historical, exegetical, and thematic study of 1 and 2 Corinthians. Three semester hours.

412. *Romans and Galatians*--A historical, exegetical, and thematic study of Romans and Galatians. Three semester hours.

422. *Intertestamental Literature*--A survey of the types of Jewish literature (i.e., apocryphal, pseudepigraphic, wisdom, apocalyptic) and their contents which were influential in the development of Judaism in the last two centuries B.C. and in the first century A.D. Three semester hours.

452. *General Epistles*--A study of the contents and themes of non-Pauline letters, especially Hebrews, James, and 1 Peter. Three semester hours.

471. *Christ and Culture*--A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Required of all seniors. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

CHURCH HISTORY

341-342. Church History--See History 341-342.

431-432. Reformation of the Nineteenth Century--See History 431-432.

CHRISTIAN MINISTRIES

The program in Christian ministries seeks to prepare people for service in specialized areas of Christian leadership. Preparing for service in churches is a primary focus, so most courses include involvement with a congregation. This program serves as adequate preparation for entry level service in youth ministry, Christian education, and a wide variety of other options as well as graduate or seminary studies. Every major in the area of biblical studies is designed to include some of these courses so that the theoretical may become practical and every Christian will be encouraged to serve in the Church.

The Christian Education major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 304, 308, and 491 for two hours. The Christian Education major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The Youth Ministry major consists of three hours of Old Testament, Bible 201, 202; History 341, 342, 431; and Christian Ministries 217, 250 for two hours, 261, 273, 318, 321, and 491 for two hours. The Youth Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in Christian education includes three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 261 and either 304 or 308.

The minor in youth ministry requires three hours of Old Testament, Bible 201, 202; History 341, 342; and Christian Ministries 217 and either 318 or 321.

The Christian Ministry minor requires three hours of Old Testament, Bible 201, 202; History 341, 431; and Christian Ministries 273, 276, and 415.

217. Introduction to Youth Ministry--A basic course of concepts, philosophies, and some methods current in the field of ministering to youth through the church. This includes some practical experience and is intended both for those planning a career in youth ministry and those preparing for better church service. Three semester hours.

250. Practical Ministries Colloquium--A six-semester cycle of seminar-based discussions and field trips focusing on practical aspects of ministry. Consideration is given to the general areas of worship, pastoral care, ethics, administration, missions/evangelism, and sacramental theology. Open to anyone interested in ministry. One-half hour per semester.

261. Introduction to Christian Education--A survey course introducing the student to the total program of Christian education in the local church. Principles, organization, curriculum, methods, leadership, and related matters are treated. Three semester hours.

270. Introduction to Christian Missions--A study of the biblical and theological basis for missions, pointing out the implications of ecumenics, anthropology, and changing world conditions for present missionary practice. Three semester hours.

271. History of Christian Missions--A survey of the history and progress of missions since the beginning of Christianity. Offered only on demand. Three semester hours.

273. Introduction to Ministry--A preliminary study of homiletics, church administration, worship leadership, ministerial ethics, and practical ministry (including attention to baptisms, weddings, funerals, etc.). Required for all Bible and ministry majors. Prerequisite: Theatre 101 or Speech. Three semester hours.

276. Homiletics--A continued study of the preparation and delivery of sermons, with considerable emphasis on student preaching and evaluation. Prerequisite: Christian Ministry 273. Two semester hours.

304. Materials and Methods of Christian Education--A study of the materials, methods, agencies, and programs used in the Christian nurturing of children and youth. Special emphasis is placed upon the opportunities for Christian teaching seen in Vacation Bible School, graded worship, expression groups, and Christian camping. Three semester hours.

308. Organization and Administration of Christian Education--A study of church educational organizations and activities with an emphasis on administering these activities. Two semester hours.

318. Materials and Methods of Youth Ministries--A study of the available resources for ministering to the needs of youth in the church. Two semester hours.

321. Leadership Development Seminar--An interdisciplinary course in Bible and Social Learning designed to consider skills and purposes in group dynamics, conflict resolution, and effective leadership in voluntary associations. Two semester hours.

375. Narrative and Story-Telling--The study and practice of developing and using stories and other narrative forms to communicate biblical truth. Exercises involve the application of narrative materials to both sermon and lesson formats. Attention is given to using literary narrative materials as well as creating stories from one's own experience and observations. Two semester hours.

415. Studies in Contemporary Evangelism--A review of the concept of evangelism in the New Testament and of the types of evangelism employed by the church throughout Christian history. A careful analysis/evaluation is made of the various contemporary forms of evangelism. Two semester hours.

460. Family Ministry--An exploration of the relationship between the church and the family with the aim of developing an approach to enhancing the relationship between those two institutions. Topics include the practical theology of family ministry, an overview of certain relevant Christological themes, a consideration of the nature of the Christian community, a consideration of the relationship between the family and the church, and specific suggestions with regard to developing a family ministry program for the local congregation. Four semester hours.

491. Practicum in Ministry--Involvement in ministry either in a local congregation or a mission field with approved supervision and evaluation. Arrangements are to be made through the Bible Area Chairman. One to three semester hours. Note: This requirement is normally met during a term of not less than eight weeks during the summer following the junior year at a location other than the student's home.

RELIGION

350. Comparative Religions--A comparative investigation of the structure and content of primitive, ancient, and contemporary religions. The study includes consideration of major doctrines, figures, and developments. Three semester hours.

351. *Philosophy of Religion*--See Philosophy 351.

421. *Sociology of Religion*--See Sociology 421.

450. *Psychology of Religion*--See Psychology 450.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FAMILY MINISTRY

The major in family ministry is an interdisciplinary program designed to prepare students for ministry to various types of families and households within the local congregation.

The student should take either Sociology 201 or 210 and Sociology 303 to meet the social studies requirement for general education and Mathematics 213 to meet the mathematics requirement. The Family Ministry major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

There is no family ministry minor, and no minor is required for majors in this program.

The following curriculum is required:

Old Testament.....	6 hours
New Testament	6 hours
History 341, 342, 431	8 hours
Christian Ministries 273	3 hours
Christian Ministries 217 or 261	3 hours
Christian Ministries 250	2 hours
Christian Ministries 460	4 hours
Psychology 252	3 hours
Psychology 350 or Sociology 426	3 hours
Psychology 450 or Sociology 421	3 hours
Psychology 357	3 hours
Sociology 321 or 413	3 hours
Health and Physical Education 409	3 hours
Christian Ministries 491	2 hours
Psychology 491 or Sociology 491	3 hours

MISSIONS

The missions program at Milligan is structured for persons whose primary commitment is to the mission mandate of the church, whether those persons plan to work in missions situations in their own local areas or in environments away from home.

The strength of the missions program lies in its interdisciplinary nature. It is purposely rooted in the area of biblical learning since an understanding of the universe and one's

own place in it is predicated upon an understanding of God's purposes as revealed in the scriptures. However, since effective missionary ministry also necessitates an understanding of man's nature, the missions program incorporates a solid foundation in the social sciences. It is this unique combination of the two disciplines--Bible and Sociology--which comprises the core of the missions program.

The six semester hours of the Practicum in Ministry (CM 491) are especially important, since they are specifically designed to allow the student to gain experience in missions in a supervised field situation while under the direction of a faculty adviser.

Because it is interdisciplinary in nature, the missions program includes within it both a major and a minor. Furthermore, students who wish to add to this program may, in consultation with their faculty advisers and respective Area Chairmen, work toward a double major and/or a double minor. The Missions major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required. No minor is required for majors in this program.

The following curriculum is required:

New Testament courses	6 hours
Old Testament courses	6 hours
History 341-342 Church History	6 hours
History 431-432 Reformation of the 19th Century	4 hours
Christian Ministries 250 Practical Ministries Colloquium	2 hours
Christian Ministries 270 Intro. to Christian Missions	3 hours
Christian Ministries 271 History of Christian Missions	3 hours
Christian Ministries 491 Practicum in Ministry	6 hours
Sociology 210 Intro. to Cultural Anthropology	3 hours

Group Requirements--Four of the following seven courses must be completed.

Sociology 303 Family	3 hours
Sociology 314 Race and Ethnic Relations	3 hours
Sociology 401 Sociological Research	3 hours
Sociology 403 Urban Sociology	3 hours
Sociology 421 Sociology of Religion	3 hours
Sociology 461 Dynamics of Cultural Change	3 hours

Electives--The following courses are recommended.

Christian Ministries 273 Introduction to Ministry	3 hours
Christian Ministries 276 Homiletics	2 hours
Other Bible courses	
Other Sociology courses	

The Missions minor consists of twenty-four hours of course work in Bible, Christian Ministries, and Sociology. The courses for the minor are Bible 201, 202, 251, 303; Christian Ministries 250 (two hours), 270 or 271, and 495 (one hour); Sociology 210; and three elective hours from Christian Ministries 270 or 271, 273, or any Bible course on the 300 or 400 level.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN BIBLE/CHRISTIAN MINISTRY

This listing includes all college requirements for graduation and completion of a Bible/Christian Ministry major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester				Spring Semester			
<u>Freshman</u>							
BIBL 123	Old Testament Survey	3		BIBL 124	New Testament Survey	3	
HUMN 101	Humanities	6		HUMN 102	Humanities	6	
PSYC 100	Intro. to Coll. & Careers	1		H&PE Activity		1	
H&PE 101	Fitness for Life	1		PHYS 104	Earth & Space Science	4	
BIOL 110	General Biology	4		PSYC 250	General Psychology	3	
CMIN 250	Practical Min. Colloquium	1/2		CMIN 250	Practical Min. Colloquium	1/2	
Total 15 1/2				Total 17 1/2			
<u>Sophomore</u>							
BIBL 201	Life of Christ	3		BIBL 202	First Century Church	3	
GREE 111	Elementary Greek	3		GREE 112	Elementary Greek	3	
HUMN 201	Humanities	6		HUMN 202	Humanities	6	
SOCL 201	Intro. to Sociology	3		COMM 102	Oral Presentation	3	
CMIN 250	Practical Min. Colloquium	1/2		CMIN 250	Practical Min. Colloquium	1/2	
Total 15 1/2				Total 15 1/2			
<u>Junior</u>							
GREE 221	Intermediate Greek	3		GREE 222	Intermediate Greek	3	
BIBL 301	Prophets*	3		BIBL 302	Prophets*	3	
CMIN 273	Intro. to Ministry	3		CMIN 276	Homiletics	2	
HIST 341	Church History	3		HIST 342	Church History	3	
MATH 107	Principles of Math*	3		SOCL 303	Family*	3	
Minor 3				Minor		3	
Total 18				Total 17			
<u>Senior</u>							
HIST 431	Reformation of 19th Century	2		HIST 432	Reformation of 19th Century	2	
Minor		6		BIBL 471	Christ and Culture		
Electives		6		Minor		6	
Total 14				Electives		6	
				Total 17			

During the summer of the junior or senior year, the student in this major enrolls in CMIN 491 Practicum in Ministry (full-time ministry position) for two hours credit.

*or an acceptable alternative

SUGGESTED COURSE SEQUENCE FOR MAJORS IN CHRISTIAN EDUCATION

This listing includes all college requirements for graduation and completion of a major in Christian Education. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser. Additional courses may be taken as desired.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 250	General Psychology	3
CMIN 250	Practical Ministries Colloq.	1/2	CMIN 250	Pract. Min. Colloquium	1/2
		Total 15 1/2			Total 17 1/2
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
BIBL 201	Life of Christ	3	GREE 112	Elementary Greek	3
GREE 111	Elementary Greek	3	COMM 102	Oral Presentation	3
CMIN 250	Practical Ministries Colloq.	1/2	CMIN 304	Mat. & Meth. of Chr. Ed.**	3
CMIN 261	Intro. to Christian Educ.	3	CMIN 250	Pract. Min. Colloquium	1/2
		Total 15 1/2			Total 15 1/2
<u>Junior</u>					
GREE 221	Intermediate Greek	3	GREE 222	Intermediate Greek	3
BIBL 301	Prophets*	3	CMIN 308	Org. & Adm. of Chr. Ed.	2
CMIN 273	Intro. to Ministry	3	HIST 342	Church History	3
HIST 341	Church History	3	BIBL 202	First Century Church	3
MATH 107	Principles of Math*	3	Minor		6
SOCL 201	Intro. to Sociology	3			Total 17
		Total 18			
<u>Senior</u>					
HIST 431	Reform. of 19th Century	2	BIBL 471	Christ and Culture	3
CMIN 217	Intro. to Youth Ministry	3	Minor		6
SOCL 303	Family	3	Electives		6
Minor		6			Total 15
Elective		3			
		Total 17			

JR/SR Summer: CMIN 491 Practicum in Ministry (10 weeks full-time ministry internship position) for two hours credit.

*or an acceptable substitute

**offered in alternate years; see course schedule

SUGGESTED COURSE SEQUENCE FOR MAJORS IN YOUTH MINISTRY

This listing includes all college requirements for graduation and completion of a Youth Ministry major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE Activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 250	General Psychology	3
CMIN 250	Practical Min. Colloquium	1/2	CMIN 250	Practical Min. Colloquium	1/2
Total 15 1/2			Total 17 1/2		

Sophomore

BIBL 201	Life of Christ	3	BIBL 202	First Century Church	3
GREE 111	Elementary Greek	3	GREE 112	Elementary Greek	3
HUMN 201	Humanities	6	HUMN 202	Humanities	6
CMIN 217	Intro. to Youth Ministry*	3	COMM 102	Oral Presentation	3
CMIN 250	Practical Min. Colloquium	1/2	CMIN 250	Practical Min. Colloquium	1/2
Total 15 1/2			CMIN 318	Mat. & Meth. of Youth Min.	2
			Total 17 1/2		

Junior

GREE 221	Intermediate Greek	3	GREE 222	Intermediate Greek	3
BIBL 301	Prophets*	3	CMIN 321	Leadership Dev. Seminar	2
CMIN 273	Intro. to Ministry	3	HIST 342	Church History	3
HIST 341	Church History	3	SOCL 303	Family*	3
MATH 107	Principles of Math*	3	Minor 6		
SOCL 201	Introduction to Sociology	3	Total 17		
Total 18					

Senior

HIST 431	Reform. of 19th Century	2	BIBL 471	Christ and Culture	3
CMIN 261	Intro. to Christian Education	3	Minor		6
Minor		6	Electives		6
Electives		6	Total 15		
Total 17					

During the summer of the junior or senior year, the student in this major enrolls in CMIN 491 Practicum in Ministry (full-time ministry position) for two hours credit.

*or an acceptable alternative

SUGGESTED COURSE SEQUENCE FOR MAJORS IN FAMILY MINISTRY

This listing includes all college requirements for graduation and completion of a major in Family Ministry. A minor course of study is not required for majors in this program. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 252	Developmental Psychology	3
CMIN 250	Pract. Min. Colloquium	1/2	CMIN 250	Pract. Min. Colloquium	1/2
		Total 15			Total 17 1/2

Sophomore

BIBL 201	Life of Christ	3	BIBL 202	First Century Church	3
HUMN 201	Humanities	6	HUMN 202	Humanities	6
CMIN 217	Intro. to Youth Ministry	3	COMM 102	Oral Presentation	3
CMIN 250	Pract. Min. Colloquium	1/2	CMIN 250	Pract. Min. Colloquium	1/2
Foreign language		3	Foreign language		3
		Total 15 1/2			Total 15 1/2

Junior

BIBL 301	Prophets*	3	PSYC 357	Intro. to Counseling	3
CMIN 273	Intro. to Ministry	3	BIBL 302	Prophets*	3
HIST 341	Church History	3	HIST 342	Church History	3
Foreign language		3	PSYC 350	Social Psychology*	3
MATH 107	Principles of Math*	3	H&PE 409	Rec. Lead./Outdoor Ed.	3
SOCL 201	Introduction to Sociology	3	Foreign language		3
		Total 18			Total 18

Senior

HIST 431	Reformation of 19th Century	2	BIBL 471	Christ and Culture	3
CMIN 460	Family Ministry	4	PSYC 450	Psychology of Religion*	3
SOCL 413	Seminar in Aging & Retire.	3	PSYC or SOCL 491		
Electives		6	Field work in psy.or sociology		3
		Total 15	Electives		6
					Total 15

JR./SR. Summer: CMIN 491 Practicum in Ministry (full-time ministry position) for 2 hours credit.

*or an acceptable substitute

SUGGESTED COURSE SEQUENCE FOR MAJORS IN MISSIONS

This listing includes all college requirements for graduation and completion of a Missions major. A minor course of study is not required with this major. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 252	Developmental Psychology	3
CMIN 250	Pract. Min. Colloquium	1/2	CMIN 250	Pract. Min. Colloquium	1/2
		Total 15 1/2			Total 17 1/2

Sophomore

BIBL 201	Life of Christ	3	BIBL 202	First Century Church	3
CMIN 270	Intro. to Christian Missions	3	CMIN 271	History of Chr. Missions	3
HUMN 201	Humanities	6	HUMN 202	Humanities	6
CMIN 250	Pract. Min. Colloquium	1/2	CMIN 250	Practical Min. Colloquium	1/2
Foreign language		3	Foreign language		3
		Total 15 1/2			Total 15 1/2

Junior

BIBL 301	Prophets*	3	SOCL 403	Urban Sociology*	3
HIST 341	Church History	3	BIBL 302	Prophets*	3
MATH 107	Principles of Math*	3	HIST 342	Church History	3
SOCL 210	Intro. to Cultural Anthro.	3	Foreign language		3
SOCL 314	Race and Ethnic Relations	3	Elective		3
Foreign language		3	COMM 102	Oral Presentation	3
		Total 18			Total 18

Senior

HIST 431	Reformation of 19th Century	2	HIST 432	Reformation of 19th Century	2
SOCL 421	Sociology of Religion*	3	BIBL 471	Christ and Culture	3
Electives		9	SOCL 461	Dynamics of Cultural Change	3
		Total 14	Electives		6
					Total 14

*or an acceptable substitute



Area of Humane Learning

Dr. Jack L. Knowles, Chairman



Human achievement in the arts of thought and expression is one of the major studies in a liberal arts college. The aims of humane learning are the recognition and study of the ideas which have liberated and enriched the human spirit, the analysis of the various linguistic, graphic, and musical forms which have delighted the imagination of humans, and the stimulation of creative expression of thought and emotion. Thus the “humanities” in partnership with science and revelation contribute to the freedom and moral potency of the human spirit. In the study of the humane disciplines, Milligan seeks to emphasize what is basic, feeling that a collegiate education should first of all equip men and women with a love for correct thinking and right living. Men and women so equipped will master whatever occupation they choose for a livelihood.

In the humane studies are grouped communications, English, fine arts (including art, photography, and theatre arts), humanities, foreign languages, music, and philosophy. At the present a major may be taken in the fields of church music, communications, English, fine arts, music, and humanities. A minor may be taken in art, church music, communications, English, French, German, Greek, music, Spanish, philosophy, and theatre arts.

A special concentration in language arts is available only to those who are majoring in elementary education. In addition to the humanities required of all students, the concentration consists of English 311 and 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

COMMUNICATIONS

Communicators work with cameras and computers, in print and in pulpits. Each specialty within the communications major prepares students to work in today’s media organizations and to adjust to the inevitable changes that are ahead. Courses blend critical analyses and theoretical issues, while developing practical skills. Central to the major is an approach to the study of communications from a distinctly Christian world view.

The major in communications may be a B.A. program which requires completion of a foreign language through the intermediate level. The student may elect the B.S. degree which requires Mathematics 213 and Computer Science 100 and 275.

In addition to the twenty-one hours of core courses, a student must also complete twelve hours in one of the following specialties: Public Relations/Advertising, Radio Production/Broadcasting, Journalism, or Television Production/Broadcasting.

The Ministry and Media program is a program of study where dedicated ministry students pursue a major in Bible and a minor in Communications. The minor is identical to that of other minors except that Ministry and Media students must elect Communications 407 as one of their upper division courses.

The minor in communications requires Communications 101, 201, 205, 207, and six hours of electives.

Required Core Courses

Communications 101
Communications 201

Communications 205
Communications 207

Communications 491
plus
two upper division courses

SPECIALTIES

Public Relations/ Advertising

Com. 311
Com. 315
Com. 411
Com. 415

Radio Production/ Broadcasting

Com. 323
Com. 325
Com. 421
Com. 495

Journalism

Com. 331
Com. 335
Com. 337
Com. 431 or 432

Television Production/Broadcasting

Com. 323
Com. 325
Com. 421
Com. 423

101. Introduction to Mass Media: Culture and Religion--An introductory look at systems and theories in today's media, including print, film, radio, public relations, television, and fiber-optic networks. This survey includes the consideration of ways in which moral and religious issues are addressed by secular news and entertainment media. Three semester hours.

102. Fundamentals of Oral Presentation--A study of techniques and fundamentals of oral presentation. Emphasis is placed on methods of improving poise and confidence, delivery, construction of speeches, and critical evaluation of speeches and speakers. Three semester hours.

201. Principles of Interpersonal Communication--An introduction to the processes and dynamics of human interaction, both in face-to-face settings and in small groups. The study includes both verbal and non-verbal forms of communication as well as material related to symbolic interaction. Three semester hours.

202. Intermediate Oral Presentation--A study of the techniques of various types of oral presentation, including the role of speech and the use of language in society. Prerequisite: One year of speech or debate in high school or permission of the instructor. Three semester hours.

203. Introduction to Visual Communication--A course for both print and video students concentrating on the unique dimensions of communicating visually. Focus is on the

nature of visual composition, including aesthetic principles, perspective, and the elements of color in visual presentation. Three semester hours.

205. Reporting for Public Media--An introduction to and practice in writing for newspapers, magazines, and aural/visual media. Proficiency in composition is a prerequisite. The course focuses on the styles of writing for each medium as well as the fundamentals of newswriting itself. Three semester hours.

207. History of Media and Christianity--An in-depth study of the history and development of the media that shape modern life, emphasizing the effect technology has had on the Christian faith and life. The course will examine oral traditions, the printing press and the Reformation, media in missions, the "electronic church," and emerging forms of computer-driven print media. Three semester hours.

211. Desk Top Publishing--A publishing course designed to give students practice and experience on the Macintosh Desk Top System. Students gain experience in preparing newspaper, magazine, and advertising copy. Skills learned include scanning and editing photographs for reproduction. Software packages include Wordperfect, Pagemaker, and Freehand. Three semester hours.

237. Basic Photography--An introduction to the 35mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.

301. History and Philosophy of American Media--An in-depth examination of the origins and development of the American media system and its place in the overall economic and political system. Special attention is given to the ways in which many philosophies, including Christianity, have shaped the contemporary media. Three semester hours.

303. Law and Ethics of Mass Communications--A survey of the history and current state of the laws that relate to American mass communications, including such legal areas as libel, journalists' privilege, and obscenity law. Three semester hours.

311. Public Relations Practices--An introduction to the public relations process and industry, including a survey of tasks that are performed by every public relations practitioner. Emphasis is on the role of public relations within the media system as well as in the American social and political economy. Three semester hours.

315. Media Advertising and Sales--An introduction to the role and nature of advertising. Special attention is given to the relationship between advertising and the selling of products within the economy. Advertisements are evaluated and critiqued, and the process by which advertising is developed and presented is included. Three semester hours.

323. Fundamentals of Television Production--An introduction to the process of producing programs for use in audio-visual media, whether for "limited" in-house use or for broadcasting. The course provides an orientation to the equipment and procedures essential for such production, as well as supervised practical experiences. Three semester hours.

325. *Writing for Aural-Visual Media*--An advanced course in script writing for broadcast or aural-visual media. Attention is given to the process of writing as a basis for production and as a way to supplement visual material. Prerequisite: Communications 205. Three semester hours.

331. *Specialty Gathering and Reporting*--An in-depth look at the skills needed to apply basic news writing and reporting techniques to specific subjects such as science, sports, education, the arts, and religion. The emphasis is on short, timely news reports. The class will also look at trends in specialty publications and news services. Prerequisite: Communications 205. Three semester hours.

335. *Editing and Style in Print Media*--A survey of the fundamentals of editing, style, layout, and production in print media such as newspapers, newsletters, and magazines. Attention is given to the impact of computers, news wire services, and emerging forms of technology, such as fiberoptic networks. Lab work with *The Stampede* is required. Three semester hours.

337. *Photojournalism*--An introduction to the relationship between photography and print media, including photographic techniques and processes. Special attention is given to the use of photography as an aid to news presentation. Prerequisites: Communications 203 and Art 237. Three semester hours.

401. *Media Models within Church and Parachurch*--A hands-on course in which the student will work with various media--radio, print, and television--while studying their strengths and weaknesses. Attention will be paid to how individual forms of media shape the message being presented. A major component of the course is a final project linked to work in churches or parachurch organizations. Three semester hours.

411. *Public Relations/Advertising Campaigns*--An advanced course on the nature, development, and presentation of advertising and public relations campaigns. Practice is given in the development of a campaign for a selected product or concept. Prerequisites: Communication 311 and 315. Three semester hours.

413. *Writing for Public Relations/Advertising*--An introduction to the specialty writing skills related to these two industries. Special attention is given to the creation of advertising copy for all mediums and the preparation of press releases and press kits. Intensive practice is given in the composition of brochures, newsletters, and informational speeches. Prerequisite: Communications 205. Three semester hours.

415. *Public Relations/Advertising Research*--A survey of major forms of research and audience-information gathering on which media sales and marketing campaigns are based. The study includes an introduction to the use of statistics in audience research and the use of mechanical means of audience feedback as well as practice in audience surveying. Prerequisites: Communications 311 and 315. Three semester hours.

421. *Advanced Television Production*--An opportunity for students to reinforce the skills learned in the basic production course by becoming part of a team which produces a

thirty-minute weekly news program airing on local cable TV. Students will write news copy, anchor the news, direct and produce the programs, and serve as videographers or audio technicians. Prerequisite: Communications 323. Three semester hours.

423. Video Program Design--Supervised practice in the production of programs for broadcast or use in aural-visual settings. Productions are planned and carried out for group work within the context of the course. Attention focuses on every step of the production process from idea conception and program development through script writing, taping, and editing the final program. Prerequisites: Communications 323 and 421. Three semester hours.

431. Feature Writing for Print Media--A practical course in researching and writing in-depth feature articles for newspapers and magazines. The course includes a survey of trends in print media that affect feature writing. Students are encouraged to contribute feature articles to the campus newspaper and, if possible, to regional or national newspapers and publications. Three semester hours.

432. Religion Writing and Publications--A focus on a journalistic approach to issues of the Christian life. Emphasis is on skills needed to work in secular media or to blend news coverage into religious publications and includes an examination of the trends in publications covering religion. Three semester hours.

491. Field Work--A practicum experience which will involve the student in supervised activities in a communications setting. Prerequisite: consent of the instructor. Three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours.

ENGLISH

The course of study in English language and literature is designed to enable the student to write clearly and effectively, to read with appreciation, enjoyment, and understanding, and to construct intelligent standards for the critical evaluation of literature.

The major in English consists of thirty semester hours which must include English 304 or 305 and 460 or 461. Students having completed two years of Humanities will be credited with six hours toward the English major. The remaining twenty-four hours required for the major may be selected from the following five areas of the English offerings with the proviso that the student take a minimum of one course from at least four of the five areas: History and Structure of English (311, 312, 313); Medieval and Renaissance Literature (430, 460, 461, 462); Restoration and Eighteenth Century Literature (361, 432); Nineteenth Century Literature (304, 434, 435); Modern Literature (305, 402, 411, 412). Six hours of junior or senior level theatre arts courses may be applied to an English major. The English major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The minor in English consists of eighteen hours which may include six hours of humanities and must include courses in both American and English literature.

An area of concentration in language arts is available for those who are majors in elementary education. In addition to the Milligan College Humanities requirement, the required courses are English 311, 402; Theatre Arts 151 or 340; and twelve hours of electives in English and Theatre Arts at the junior or senior level.

The secondary English teacher licensure program includes English 304 or 305, 311, 361, 402; six hours of English literature which must include English 460 or 461; six hours of world literature from the humanities sequence; and Education 317. At least two college level courses in a foreign language are required.

101. English as a Second Language--A course for international students who have studied English as a second language but need additional work to reach the proficiency necessary for work in regular courses at the college level. Emphasis is on pronunciation, grammar, composition, and classroom listening skills. Three semester hours.

102. English as a Second Language--A course for international students who have studied English as a second language but need additional work to reach the proficiency necessary for work in regular courses at the college level. Emphasis is on composition, research, and comprehension of college-level materials. Three semester hours.

211. Special Studies in Literature--A reading and discussion course designed to introduce famous themes, types of literature, or contemporary emphases in literary writing. Not applicable toward the English major or minor. One or two semester hours.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not covered in a single course. Not open to freshmen. One to three semester hours.

304-305. Survey of American Literature--A study of the literature of the American people with special attention to the writings of the major authors. Collateral reading is assigned in the American novel. Three semester hours each semester.

311. Advanced Grammar--Advanced study in the principles of English grammar with attention to sentence structure, verb forms, and current usage. Three semester hours.

312. Introduction to Linguistics--A study of the basic principles of linguistic analysis as specifically applied to the English language. Offered alternate years. Three semester hours.

313. History of the English Language--A survey of the development of the English language from its origins to the present. Three semester hours.

354. Children's Literature--A study of children's literature designed to acquaint the student with the literary contributions suitable for elementary grades. Applicable toward an English major only for those certifying in elementary education. Three semester hours.

355. *Adolescent Literature*--A study of literature designed to acquaint the student with literary contributions suitable for middle school and high school students. Applicable toward an English major only for those certifying to teach. Three semester hours.

361. *Novel*--A study of the history and development of the novel as a literary type with special emphasis on British and American novels. Three semester hours.

362. *African-American Narrative Literature*--A study of autobiographical and fictional narratives by African-American writers with emphasis on the nineteenth and twentieth centuries and attention to historical context and current critical issues. Three semester hours.

364. *The Fiction of C.S. Lewis*--A close look at Lewis's fictional works, with some reference to his other writings. Three semester hours.

402. *Short Story*--A study of the development of the short story with some attention to creative writing. Three semester hours.

411-412. *Contemporary Literature*--A study of leading writers of fiction, poetry, and drama in the Twentieth Century, including English and non-English writers. This is a seminar course, involving discussions, independent research, and oral presentations. Three semester hours each semester.

424. *Advanced Writing*--An opportunity for extensive experience in writing, editing, critiquing the works of others, and working toward publication. Prerequisites: Humanities 101-2, 201-2 (or the equivalent) and the approval of the instructor. Three semester hours.

430. *Medieval Literature*--A study of selected works from significant writers of the Middle Ages. Three semester hours.

432. *Restoration and Eighteenth-Century Literature*--A study of selections of prose and poetry from the major writers of the Restoration and Eighteenth Century. Collateral reading of background materials is drawn from the writings of scientists, philosophers, historians, and other contributors to the cultural and intellectual milieu of the period. Three semester hours.

434. *Romantic Movement*--A study of the Romantic Movement in England with special emphasis upon the great poets of the period. Three semester hours.

435. *Victorian Period*--A study of the fascinating contradictions of the second half of the Nineteenth Century as expressed in the major poets, essayists, and novelists of the period. Three semester hours.

460. *Elizabethan Drama*--An examination of the earlier Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.

461. *Jacobean Drama*--An examination of the later Shakespearean plays with collateral reading in the works of his fellow playwrights. Three semester hours.

462. *Renaissance Poetry and Prose*--Careful readings of the works of Spenser, Sidney, the Metaphysical poets, and Milton. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FINE ARTS

The Fine Arts Program is designed to contribute to the development of students' God-given personalities and talents by increasing their appreciation and knowledge of human creativity. Within that context, the major in Fine Arts cultivates the development of Christian artists who glorify God by striving for the highest standards of artistic excellence--ministering to people through their art and contributing to the richness and beauty of life, both in the church and in society.

The strength of the Fine Arts Program lies in its interdisciplinary nature. It includes within it both a major and a minor. The Fine Arts major is available only as a Bachelor of Arts degree; foreign language through the intermediate level is required. While there is no Fine Arts minor, a student may minor in Art or Theatre Arts.

There are three areas of emphasis from which a student may choose when declaring a Fine Arts major. They are Art, Photography, and Theatre Arts.

Students completing the Fine Arts Program with an emphasis in Art have vocational opportunities in commercial art and related vocations, gallery and museum work, arts organization jobs, and free-lance art. Outstanding students are prepared to apply to graduate school, enabling them to teach college or continue to work as professional artists. The Art emphasis consists of 30 hours, the 13-14 hour Fine Arts core curriculum, and twelve hours of appropriate electives chosen from Communications, Business, Bible, Social Learning, or the Humanities.

The Photography emphasis is designed to help students acquire skills in various aspects of photography. The curriculum is taught from an artistic standpoint which gives students the creativity and experience necessary for a rewarding future in photography. Graduates can use their knowledge of photographic processes, aesthetics, and history to provide professional services to the art community or commercial photographic markets. Photographers also provide supporting services for galleries, theatres, museums, and publishing some teach photography. The Photography emphasis consists of 30 hours, the 13-14 hour Fine Arts core curriculum, and twelve hours of appropriate electives from Communications, Business, Bible, Social Learning, or the Humanities.

The Theatre Arts emphasis stresses a basic understanding and appreciation for all facets of theatre work. Theatre Arts graduates can work as actors, costumers, stage managers, set designers, lighting technicians, sound operators, stage carpenters, arts agency promoters, and stage directors, while others can go on to study theatre in graduate school in preparation for teaching, business, public relations, and the ministry. The Theatre Arts emphasis consists of 30 hours, the 13-14 hour Fine Arts core curriculum, and twelve hours of appropriate electives from Communications, Business, Bible, Social Learning, or Humanities.

The electives within the Fine Arts program are determined by the students with their advisers to address the specific goals of the students. Students who have an interest in film or arts administration may also consider the option of a semester of study at the Christian College Coalition's Los Angeles Film Studies Center or the American Studies Program based in Washington, D.C.

Certification at the secondary level is possible for highly disciplined students who are willing to attend one summer school term during their course of study at the College.

FINE ARTS PROGRAM WITH ART EMPHASIS

CORE (13-14 hours)

Three hours from Hum. 101, 102, 201,
202 3
Theatre 242 Fundamentals of Acting 3
Art 237 Basic Photography 3
Art 401 Field Studies in Fine Arts 1-2
Art 421 Fine Arts in the Church 3

ART EMPHASIS (30 hours)

Art 250 Drawing I 3
Art 251 Painting I 3
Art 350 Drawing II 3
Art 351 Painting II 3
Art 367 Art History 3
Art 411 Printmaking Studio 3
Art 431 Sculpture Studio 3
Art 489 Directed Studies 3-6
Eng 411 or 412 Contemporary Literature
3-6

FINE ARTS PROGRAM WITH PHOTOGRAPHY EMPHASIS

CORE (13-14 hours)

Three hours from Hum. 101, 102, 201,
202 3
Theatre 242 Fundamentals of Acting 3
Art 250, 251, or any other studio course
(with approval of the adviser) 3
Art 401 Field Studies in Fine Arts 1-2
Art 421 Fine Arts in the Church 3

PHOTOGRAPHY EMPHASIS

(30 hours)
Art 237 Basic Photography 3
Art 310 Intermediate Photography 3
Art 312 Introduction to Color Photography 3
Art 337 Photojournalism 3
Art 366 History of Photography 3
Art 367 Art History 3
Art 437 Advanced Black and White Photography 3
Art 489 Directed Studies 3-6
Eng 411 or 412 Contemporary Literature
3-6

FINE ARTS PROGRAM WITH THEATRE ARTS EMPHASIS

CORE (13-14 hours)

Three hours from Hum. 101, 102, 201,
202 3

Art 237 Basic Photography 3

Art 203, 250, or 251 Vis. Composition,
Drawing I, or Painting I 3

Art 401 Field Studies in Fine Arts 1-2

Art 421 Fine Arts in the Church 3

THEATRE ARTS EMPHASIS (30 hours)

Thea 141 Fundamentals of Voice/Stage
Movement 3

Thea 151 Introduction to Theatre 3

Thea 240 Theatre Make-up 3

Thea 242 Fundamentals of Acting 3

Thea 340 Fundamentals of Directing 3

Thea 343 Scenography 4

Thea 345 Theatre Workshop 3-6

Eng 460 Elizabethan Drama 3

Eng 461, 411, or 412 Jacobean Drama
or Contemporary Lit. 3

Art

The Art minor includes three hours of art history earned as part of Humanities 101, 102, 201, and 202 (or an equivalent approved by the Registrar), three hours of Art 203, and at least twelve hours from the other art courses listed below.

203. Visual Composition--Designed for all visual concerns: print, media, and artistic. The focus is on the nature of visual thinking (composition, design, light and dark, and color), aesthetics, and the human response to things seen. Three semester hours.

237. Basic Photography--An introduction to the 35mm camera and basic darkroom procedures. Students develop confidence in picture-taking and picture-printing procedures. Three semester hours.

250. Drawing I--A class for either the novice or the experienced student. Students cover perspective solving, still life, the human figure, landscape, portraiture, and a study of the masters. Three semester hours.

251. Painting I--Instruction in the handling of paint and color for the painter and novice alike. The class is designed to help the student master the painting medium through working in still life and landscape and through copying the masters. Three semester hours.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

310. Intermediate Photography--An opportunity for students to expand their understanding of techniques and ideas presented in Basic Photography. Emphasis is placed on personal interpretation and visual communication. Prerequisite: Art 237. Three semester hours.

311. *Art for Elementary Teachers*--Designed to acquaint students certifying in elementary education with objectives, materials, and procedures for the elementary school arts program. One semester hour.

312. *Introduction to Color Photography*--An introduction to basic color materials and skills. Students learn how to process color slides and print from negatives. Aesthetics and technique are integrated throughout the course in hands-on printing sessions, critiques of student work, and lectures on color photography. Prerequisites: Art 237 and 310. Three semester hours.

337. *Photojournalism*--An examination of photographic visual principles to help students see the photograph as a medium of communication. Prerequisites: Art 203 and 237. Three semester hours.

340. *Graphic Design*--A study of the design of letter types, words, and images. Balance, proportion, readability, and precision are emphasized. Prerequisite: Art 203 or 250. Three semester hours.

350. *Drawing II*--A course which builds on skills developed in Drawing I. Composition and creative problem solving are stressed within the context of assignments that allow students to explore multiple approaches to a few select themes. Color drawing media are also emphasized. Three semester hours.

351. *Painting II*--A course designed to allow students who have developed a basic understanding of color and painting techniques from Painting I to focus on a more personal direction in terms of content and choice of media as agreed on between student and instructor. Three semester hours.

366. *History of Photography*--An overview of the history of photography from its beginning to present day. Slide lectures and class discussions examine the work of major photographers through the framework of historical, cultural, and social trends. Three semester hours.

367. *Art History*--An in-depth study of 19th and 20th-century art. This course alternates between a European or an American emphasis depending on the semester/year in which it is offered. Topics include painting, sculpture, architecture, photography, and cross-discipline arts. Three semester hours.

375. *Studio Workshop*--An open studio course especially designed for the student interested in pursuing an art project. One to three semester hours.

401. *Field Studies in Fine Arts*--A study tour to a selected city in the United States for the purpose of studying various aspects of the fine arts, notably art, photography, and theatre. Visits to galleries and theatres are arranged by a tour leader. Specific reading assignments are completed before the trip, and a written project is submitted after the trip. One semester hour; may be repeated for one additional semester hour.

411. *Printmaking Studio*—A course designed to allow students to explore relief printmaking (woodcut, linocut) as well as a limited number of intaglio techniques. Three semester hours.

421. *Fine Arts and the Church*—An investigation of the theories and models of the fine arts in a Christian context and the application of the fine arts in a Christian setting. Faculty and guest lecturers present insights into how the fine arts can be used in creative expressions of worship within the church. Portfolio review, interviewing techniques, and a final project are components of the course. Three semester hours.

431. *Sculpture Studio*—An introductory course in three-dimensional problem-solving. Students work in a variety of materials as a means of understanding basic approaches to sculptural design through projects that range from the human figure to non-figurative forms. Three semester hours.

490. *Directed Studies*—Independent work for the junior or senior art or photography student in an area of the student's interest. The student's program is under the supervision of an art or photography professor. One to six semester hours.

495. *Seminar*—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from year to year. One to three semester hours.

Theatre Arts

The Theatre Arts minor consists of eighteen semester hours and must include Theatre 141, 151, 242, 340; English 460 or 461; and two semester hours selected from Music 110 or 111. Health and Physical Education 208 may also apply toward the minor.

The secondary theatre teacher licensure program includes Theatre 141, 151, 240, 340, 341, 343, 345; English 411, 412, 460, and 461.

141. *Fundamentals of Voice/Stage Movement*—A survey course introducing the student to major vocal production and stage movement theorists as well as the LeCoq-based mask work and an introduction to stage dialects and stage combat. Three semester hours.

151. *Introduction to Theatre*—The history and literature of the theatre from its Greek origins to the present. This course is designed to help the student relate drama in its historical context to contemporary man. Some emphasis is placed on films, dance, and musical theatre. The course is supplemented by films, attendance at area performances, and production work on the current semester's drama production. Three semester hours.

240. *Theatre Make-up*—An introductory studio course emphasizing the basic principles, theories, and techniques of two-dimensional theatrical make-up. The principles learned in this class may be applied to any theatrical stage environment as well as to film and television production. "Hands-on" experience is emphasized. Three semester hours.

242. *Fundamentals of Acting*—A study of techniques in acting. Class exercises are de-



CLASS ACT, an original play with music, developed by company members, played to packed houses during the 1993-94 academic year. The show later toured to churches as part of the Outreach Ministries of the College.

signed to develop relaxation, concentration, and improvisation skills. Audition techniques, monologue studies, and scene study are also emphasized. Laboratory experience includes participating in some facet of the current semester's drama production. Three semester hours.

340. Fundamentals of Directing—A course emphasizing study of the various elements in the production of a play: theory, selection of plays, production, interpretation of the play, scene design, costumes, and make-up. The course culminates in the direction of a one-act play for the public. This course is especially recommended for students preparing to supervise plays in the public schools. Three semester hours.

342. Advanced Acting—A course providing advanced acting with an emphasis on Greek, Shakespearian, and Restoration Comedy techniques. Prerequisite: Theatre 242. Three semester hours.

343. Scenography—A holistic approach to theatrical design taught every two years from one of two perspectives: scenic, lighting, sound, and props or costumes, masks, and props. Emphasis is placed on basic skills, including rendering and sketching techniques. Students are required to work on one or more technical areas of the current semester's production. Four semester hours.

345. Theatre Workshop—An opportunity to gain experience in practical theatre work: touring, costuming, lighting, set designing, producing, and directing. One to six semester hours.

470. Readings in Drama—A concentrated program of readings in drama designed to provide a solid repertory for the beginning dramatist. Prerequisite: six hours in Theatre Arts. One to three semester hours.

495. Seminar—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

FOREIGN LANGUAGES

The study and mastery of language are the chief avenues of human freedom and development. The study of language, other than one's own, introduces the mind to the heritage of other nations and civilizations; it enables one to find new shades of meaning in the expression of ideas; it gives new power to the imagination; and it contributes to the sympathetic understanding of other ways of life.

Successful completion of each semester of a language is a prerequisite to any subsequent semester in the sequence of that language. Admission for freshmen and transfer students with previous study of a language to advanced standing in that language in Milligan College is determined by scores achieved on a placement test. Students may receive credit for the intermediate year of a language by means of the CLEP or AP exam. Credit is given to those students who find it necessary to take the first year of the language.

A special concentration in foreign language is available to those who are also majoring in elementary education. It consists of English 312 and eighteen hours beyond the elementary level of a foreign language.

Additional foreign language courses are available through the ETSU Co-Op Program (see page 41).

French

The minor in French consists of eighteen semester hours beyond the level of French 111-112.

The secondary French teacher licensure program includes French 211, 212, 301, 302, 311, 312, 401, 402, and English 312.

111-112. Elementary French--The essentials of grammar, pronunciation, oral and written exercises, and reading of simple French. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate French--The reading of prose, with grammar review, oral, written, and conversational drill. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. Advanced Conversation and Composition--Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication in modern day France. Classes are conducted in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of French Literature--A study of the literature of France from its beginning to the present. Readings, including entire works, are selected from prominent authors of each century. Discussion will be in French. Prerequisite: French 211-212 or equivalent. Three semester hours each semester.

401-402. French Civilization and Culture--A study of French civilization and culture from their origins to the present. Topics will include history, philosophy, art, music, and everyday life. Newspaper and magazine articles supplement the text. Discussion and reports are in French. Prerequisite: French 301-302 or consent of the instructor. Three semester hours each semester.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research,

writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

German

The minor in German consists of eighteen semester hours beyond the level of German 111-112.

111-112. Elementary German--The pronunciation and writing systems, oral mastery of basic structural patterns in dialogue form, variations of them through pattern drills, analysis of grammatical structures, reading, and written composition. Three class periods and not less than two laboratory periods per week. Three semester hours each semester.

211-212. Intermediate German--Continued conversational drill, oral practice in the variation of structural patterns, reading of selections from modern German literature, and written composition with a thorough review of pronunciation and grammar. Three class periods and not less than one laboratory period per week. Three semester hours each semester.

301-302. Advanced Conversation and Composition--Extensive practice in conversation and composition. Classes are conducted in German. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

311-312. Survey of German Literature--A study of the literature of the German-speaking peoples from its beginnings to the present. Reading and analysis of selections from the leading writers are included. Prerequisite: German 211-212 or equivalent. Three semester hours each semester.

489. Directed Readings--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

Greek

The minor in Greek consists of eighteen semester hours.

111-112. Elementary Greek--A study of the elements of Koine Greek including drill on simple phrases and sentences and the acquisition of vocabulary. Selected readings in New Testament literature are included in the second semester. Three semester hours each semester.

221-222. Intermediate Greek--The translation and grammatical analysis of New Testament passages representing a cross-section of Greek styles. The course also includes a study of intermediate grammar and some work with textual critical apparatus. Three semester hours each semester.

290. Independent Study--Individual study to enable the student either to study material

not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

331-332. *Advanced Greek Readings*—Selected readings in the Septuagint, Philo, Josephus, and the Apostolic Fathers with attention to historical-theological contributions of these writers and works. Three hours each semester.

Hebrew

111-112. *Modern Hebrew*—Reading, conversation, and composition as well as the basic grammar of Living Hebrew. Three class periods and two laboratory periods per week. Three semester hours each semester.

211-212. *Intermediate Hebrew*—Conversational drill, review of grammar, accelerated reading and composition, together with a cursory survey of Hebraic literature from biblical times through the modern renaissance of Living Hebrew. Three class periods and one laboratory period per week. Three semester hours each semester.

Latin

111-112. *Elementary Latin*—Basic Latin grammar and vocabulary. Graded Latin readings to prepare students for reading the Latin classics. Three semester hours each semester.

211-212. *Intermediate Latin*—Advanced grammar study incidental to extended reading in the classics: Caesar, Cicero, Ovid, Vergil, Sallust. Three semester hours each semester.

Spanish

The minor in Spanish consists of eighteen semester hours beyond the level of Spanish 111-112.

111-112. *Elementary Spanish*—The essentials of grammar, pronunciation, oral and written exercises, and reading of simple Spanish. Five class periods and not less than two laboratory periods per week. Six semester hours during the fall semester.

211-212. *Intermediate Spanish*—The reading of prose with grammar review, oral, written, and conversational drill. Five class periods and not less than two laboratory periods per week. Six semester hours during the spring semester.

290. *Independent Study*—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301-302. *Advanced Conversation and Composition*—Intensive practice in the oral and written language with emphasis on vocabulary, syntax, and culture necessary for communication. Classes are conducted in Spanish. Prerequisite: Spanish 211-212 or equivalent. Three semester hours each semester.

490. *Directed Studies*—A program of readings and conferences which provides for study of material not included in the regular course offerings. One to three semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, writing, and concentration in areas beyond regular course offerings. Topics vary from semester to semester. One to three semester hours per semester with a maximum of six semester hours.

HUMANITIES

The purpose of the major in humanities is to allow students to pursue an interdisciplinary course of study. Although the major is not structured as a prevocational course, it does provide a broad undergraduate education from which a good student can move into several graduate programs or into secondary school teaching. It focuses upon the great ideas which have shaped history and created contemporary civilization.

Requirements for the Humanities major are twenty-four hours of junior and senior level course work, including at least three hours of Humanities 490, and approved courses from among the disciplines of history, literature, philosophy, fine arts, foreign language, and Bible. The humanities major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

Each student who selects a major in humanities works with an adviser, usually the Director of Humanities, to design a program to meet the needs and desires of the individual student. The Humanities 490 course is planned by the student working with an advisory committee.

Students with a humanities major are encouraged to fulfill requirements for a minor from one of the above disciplines. However, students who choose a minor in other fields may still select a major in humanities. There is no humanities minor.

091. *Developmental Reading and Study Skills*--An integrated approach to college-level reading and study strategies including concentration, comprehension, note-taking, test-taking, and time management designed to accompany freshman humanities. Not applicable toward the 128 hours required for a degree. Two semester hours.

093. *Developmental Writing*--A course providing extra instruction for students who demonstrate writing skills below the college level. The course includes work in basic sentence structure, paragraph structure, and grammar. Students also practice organizing and developing essays. Not applicable toward the 128 hours required for a degree. One semester hour.

101-102. *Humanities*--An interdisciplinary course involving extensive reading in history literature, philosophy, fine arts, and comparative religion as well as concentrated work in composition. Special attention is given to instruction in writing and to the history of civilization from prehistory to the Eighteenth Century, taking an integrated approach to learning. Six semester hours each semester.

111. *Humanities: The Ancient Near East and Classical Greece*--An interdisciplinary

study of the history, literature, philosophy, and fine arts of western culture to 336 B.C. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, students in special Adult Education Programs, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.

112. Humanities: The Hellenistic World, Ancient Rome, and the Middle Ages--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 336 B.C. to 1300. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, students in special Adult Education programs, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.

113. Humanities: The Late Middle Ages, Renaissance, and Reformation--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 1300 to 1563. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, students in special Adult Education Programs, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.

114. Humanities: The Late Renaissance and Seventeenth Century--An interdisciplinary study of the history, literature, philosophy, and fine arts of western culture from 1563 to 1715. Emphasis is placed on texts considered classics in the western tradition. Open to Evening College students, students in special Adult Education Programs, and transfer students needing fewer than twelve hours to complete their humanities requirements. One to three semester hours.

200. Humanities European Study Tour--A study tour of twelve European countries. Visits are made to sites of both historical and cultural significance. In addition to the travel students complete reading and writing assignments and fulfill all the academic obligations outlined by the tour professor. Humanities 200 may be taken in lieu of Humanities 201 or 202. Students who have completed the required Humanities sequence may petition for credit in art or history. Prerequisite: Humanities 101-102. Six semester hours.

201-202. Humanities--A continuation of the program of Humanities 101-102 from the Eighteenth Century through the Twentieth Century. World literature, philosophical themes, and artistic movements are given special emphasis. Six semester hours each semester. Note: Humanities 101-102 is a required course of study for all freshmen working toward an A.S., B.A., or B.S. Degree. Humanities 201-202 is a required course of study for all sophomores working toward a B.A. or B.S. Degree.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

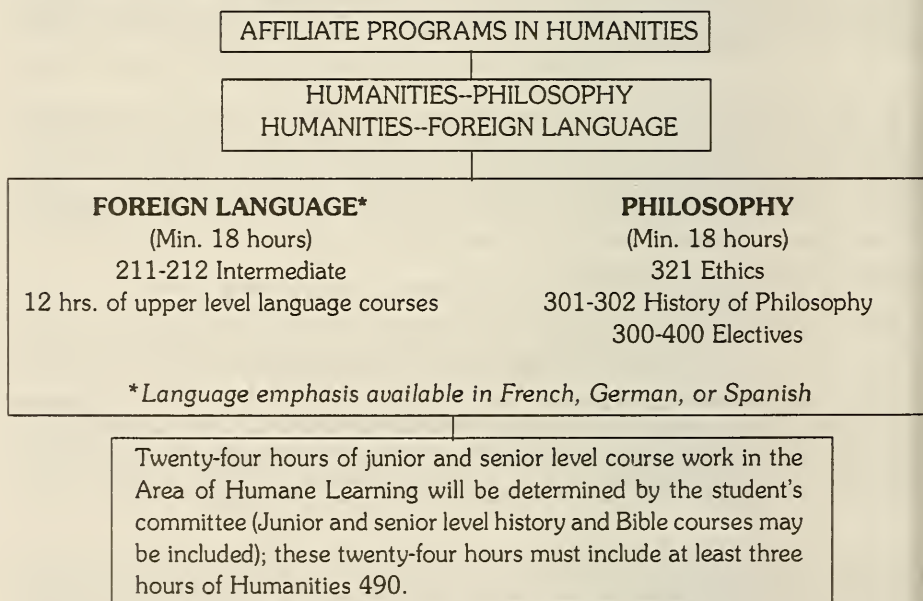
490. Reading and Research in the Area of Humane Learning--An individualized course of study to be determined by the student and an advisory committee. At least three hours of Humanities 490 will be required for every humanities major. Students writing an un-

dergraduate thesis in humanities may be allowed up to twelve semester hours of Humanities 490. One to six semester hours per semester.

495. *Seminar*—A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

AFFILIATE PROGRAMS IN HUMANITIES

The Affiliate Programs in Humanities permit a student majoring in humanities to specialize in philosophy or a foreign language. Such programs are especially advantageous to students wanting to do graduate study in one of these two areas without sacrificing the opportunity of doing the broader cross disciplinary humanities major at the undergraduate level. Students can also meet teacher certification requirements at the secondary level in the area of foreign language.



The requirements for the above majors include a minor in the field of concentration, additional courses in the area of Humane Learning to be determined by a committee from the area and chaired by the person responsible for the minor, and a suitable project or paper in Humanities 490.

MUSIC

The purpose of the music program is to provide musical training for students seeking careers in music and to promote understanding and enjoyment of music in the College at

large. Milligan College offers both a major and a minor in music. Students who participate in music should realize that this is an experience in aesthetics as well as in musical proficiency. Details of music requirements may be found in the Music Handbook.

Each student majoring in music selects either voice, piano, organ, or an orchestral instrument for a primary area of concentration and must complete applied Level VIII requirements and present an acceptable senior recital. The student must also pass a proficiency in a secondary applied area. Music majors must be enrolled in an ensemble each semester that they attend Milligan College except during the semester of directed teaching or church music practicum. A minimum of seven semesters of ensemble is required. The music major includes Music 143-4, 145-6, 243-4, 245-6, 363-4, 347, 348, 367-8, and the applied music and ensemble discussed above. The music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required. All music majors must pass Freshman Comprehensive 199 at the end of the freshman year and Sophomore Comprehensive 299 at the end of the sophomore year. For those majoring in music and certifying to teach music, music shall be considered both the major and minor. The K-12 music teacher licensure program includes Music 143, 144, 145, 146, 243, 244, 245, 246, 347, 348, 363, 364, 367, 368, 451, and 452. In addition, the music student wishing to certify to teach shall take Education 102, 153, 408, 451, and 452.

Milligan College offers a church music program designed specifically for those who wish to work with music in the church. Candidates are trained in piano, conducting, voice, and building graded choir programs for all ages. Opportunities for field work in local churches broaden the student's musical and spiritual education while helping local congregations build their music programs. The Church Music major consists of Music 143-4, 145-6, 243-4, 245-6, 347, 348, 363-4, 367-8, 369, 451-2, and 491 for six hours. Twelve hours of applied music with a proficiency examination and seven hours of ensemble are required. The Church Music major is available only as a Bachelor of Arts degree; therefore, foreign language through the intermediate level is required.

The general music minor consists of Music 143-4, 145-6, 367 or 368, 363, and applied music distributed as follows: a primary area of concentration (attaining Level VI and passing a proficiency) and a secondary area of concentration (attaining Level IV). Music minors are required to participate in a performing ensemble for a minimum of four semesters. Participation in several ensembles in the same semester counts as one semester of the ensemble requirement completed. The church music minor consists of Music 143, 145, 363, 365, 369, a performing ensemble for two semesters, a primary applied area of concentration for two hours, and 491 for two credit hours.

Hearings for senior recitals are held at the beginning of the semester in which the recital is to be given, and recital materials must be memorized at that time.

Applied Music

Students majoring in music must select one area of applied music as a primary concentration. They must also pass a proficiency in a secondary applied concentration. Students who do not select voice as a primary or secondary concentration are required to take voice class but are not required to pass a voice proficiency.

Piano

101. *Piano (as an elective)*--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.

102, 103-202, 203. *Piano (as a secondary concentration for music majors and minors)*--Preparation toward attainment of Level IV and, for the major, completion of proficiency 208. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

104, 105-304, 305. *Piano (as a principal concentration for music minors)*--Preparation toward attainment of Level VI and completion of Proficiency 308. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

106, 107-406, 407. *Piano (as a principal concentration for music majors)*--Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.

208. *Piano Proficiency (for music majors)*--A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.

308. *Piano Proficiency (for music minors)*--A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

309. *Piano Recital - (junior level)*--One half-hour performance. No credit.

409. *Piano Recital - (senior level)*--One hour performance. No credit.

Voice

110. *Voice Class*--A study of the rudiments of vocal music, breathing, correct body control, diction, and the development of tone. Required of all prospective voice students with no prior training. One semester hour.

111. *Voice (as an elective)*--Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.

112, 113-212, 213. *Voice (as a secondary concentration for music majors and minors)*--Preparation toward attainment of Level IV and, for the major, completion of proficiency 218. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

114, 115-314, 315. Voice (as a principal concentration for music minors)—Preparation toward attainment of Level VI and completion of proficiency 318. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

116, 117-416, 417. Voice (as a principal concentration for music majors)—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.

218. Voice Proficiency (for music majors)—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.

318. Voice Proficiency (for music minors)—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

319. Voice Recital - (junior level)—One half-hour performance. No credit.

419. Voice Recital - (senior level)—One hour performance. No credit.

Organ

121. Organ (as an elective)—Individual expectations according to the needs of the student. No performance requirements. Open to all students. One half-hour lesson per week. One semester hour.

122, 123-222, 223. Organ (as a secondary concentration for music majors and minors)—Preparation toward attainment of Level IV and, for the major, completion of proficiency 228. Music majors must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

124, 125-324, 325. Organ (as a principal concentration for music minors)—Preparation toward attainment of Level VI and completion of proficiency 328. Students must perform a jury and also perform in at least one student recital. One half-hour lesson per week. One semester hour each semester.

126, 127-426, 427. Organ (as a principal concentration for music majors)—Preparation toward attainment of Level VIII and completion of junior and senior recitals. Students must perform a jury and also perform in at least one student recital. One hour lesson per week. Two semester hours each semester.

228. Organ Proficiency (for music majors)—A test of general accomplishment in the music major's secondary applied concentration. Achievement of Level IV and other specified requirements (see Music Handbook for details) must be completed before the beginning of the senior year. No credit.

328. *Organ Proficiency (for music minors)*—A test of general accomplishment in the music minor's primary applied concentration. Achievement of Level VI and other specified requirements (see Music Handbook for details) must be completed before graduation. No credit.

329. *Organ Recital - (junior level)*—One half-hour performance. No credit.

429. *Organ Recital - (senior level)*— One hour performance. No credit.

Instrumental

Instrumental Instruction. Individual instruction in orchestral instruments is available through East Tennessee State University (see page 36).

439. *Instrumental Recital - (senior level)* - One hour performance. No credit.

Theory

041. *Music Theory Fundamentals*—A study of the basic fundamentals of music. Not applicable toward any major or minor. One semester hour.

143-144. *Basic Music Theory*—A course in beginning written theory and keyboard. Three semester hours each semester.

145-146. *Basic Ear Training*—A course covering chord identification, dictation, sight-singing, and keyboard. One semester hour each semester.

243-244. *Advanced Music Theory*—A course in advanced concepts in music theory and keyboard. Prerequisite: Music 143-144. Three semester hours each semester.

245-246. *Advanced Ear Training*—A course in advanced study of material similar to 145-146. One semester hour each semester.

347. *Form and Analysis*—A study of major forms of music. Two semester hours.

348. *Orchestration and Arranging*—A course covering basic characteristics, arranging, and compositional techniques for orchestral instruments. Prerequisite: Music 244-246 or permission of the instructor. Two semester hours.

Methods And Seminars

351. *Music in the Elementary School*—Teaching music in the classroom, kindergarten through sixth grade. Studies in the development of the child's musical abilities are included. Not open to music majors. Three semester hours.

451. *Methods and Materials for Elementary Music*—A study of methods and materials of teaching music to children including studies of the child's musical development. Three semester hours.

452. *Methods and Materials for Secondary Music*—A study of philosophy, curriculum, and methods and materials of teaching music and directing ensembles. Three semester hours.

456. *Seminar*--Seminars in specific areas of music for advanced students in voice pedagogy, piano pedagogy, composition, accompanying, organ literature, and opera workshop. Two semester hours.

491. *Practicum in Church Music*--Applied music experience in an approved church music program. Two to six semester hours.

Conducting And History

363. *Basic Conducting*--A study of conducting techniques and elements of interpretation. Prerequisite: Music 143 and 145. Two semester hours.

364. *Advanced Conducting*--Advanced conducting techniques, including problems of tone, balance, and interpretation. Prerequisite: Music 363. Two semester hours.

365. *Music Appreciation*--Studies in techniques, forms, and style of music to acquaint the non-music major with the elements of musical culture. Three semester hours.

367-368. *Music History and Literature*--A survey of the development of Western music and studies of major composers and styles. Three semester hours each semester.

369. *Hymnology*--A survey of hymn literature of the church with consideration of the literary, sociological, political, and religious forces affecting the creation of hymns. Two semester hours.

Ensembles

Ensembles are considered the music laboratory for all music majors and minors. Music majors are required to take eight semesters of ensemble, or seven semesters if they take Student Teaching: Practicum in Teaching Skills (EDUC 452) or Church Music Practicum (MUSC 491). Music minors are required to take four semesters of ensemble. Church music minors are required to take two semesters of ensemble. Only Milligan Men, Women's Ensemble, or Concert Choir will fulfill the ensemble requirement. For students whose primary applied area is instrumental (including keyboard), wind ensemble will fulfill this requirement. Placement in an ensemble is determined by an audition.

181. *Milligan Men*--An ensemble of selected voices studying representative literature. One semester hour.

182. *Women's Ensemble*--An ensemble of selected voices studying representative literature. One semester hour.

183. *Handbells*--An introduction to basic performance technique, literature, and maintenance of handbells. One semester hour.

184. *Concert Choir*--A mixed chorus with a repertoire of major choral selections. High standards of vocal technique and musicianship are required. One semester hour.

185. *Symphonic Wind Ensemble*--An instrumental ensemble consisting of brass, woodwinds, and percussion performing a wide range of wind ensemble repertoire. One semester hour.

186. Chamber Singers--A small mixed chorus of selected singers who study and perform varied repertoire. The singers perform for limited outside engagements and at the annual Madrigal Dinners. One semester hour.

187. Madrigal Productions--A performance-oriented course for those who have major singing, instrumental, or acting roles and who spend a minimum of eight weeks in directed preparation of the annual presentation of the Christmas Madrigal Dinners. By audition only. One-half semester hour.

189. Orchestra--Performance with the Johnson City Symphony Orchestra. One rehearsal per week for two and one-half hours. One semester hour.

Comprehensive Evaluations

199. Freshman Comprehensive--A test of general accomplishment at the end of the first year of music study (see Music Handbook for details). No credit.

299. Sophomore Comprehensive--A test of general accomplishment at the end of the second year of music study (see Music Handbook for details). No credit.

PHILOSOPHY

The study of philosophy is designed to increase the student's ability to think intelligently about man and the universe and about man's views basic to everyday social, political, economic, religious, and scientific theories and activities.

It introduces the student to the basic ideas of philosophers who have influenced the thought and action of the modern world. The study of philosophy cultivates an understanding and appreciation of the history and function of philosophy as an academic discipline.

Students who choose a minor in philosophy complete eighteen semester hours which must include Philosophy 301 and 302. Three hours of Humanities 202 may be applied toward the philosophy minor.

301. History of Philosophy (Ancient)--A study of philosophy from the Greeks through Augustine. Three semester hours.

302. History of Philosophy (Modern)--A survey of the more important philosophical systems of the Western world from the Sixteenth Century to the Nineteenth Century. Three semester hours.

321. Ethics--A study of theoretical and practical problems of moral conduct and proposed solutions. Emphasis is given to the nature of ethics, values, rights, and obligations. Three semester hours.

350. Comparative Religions--See Religion 350.

351. *Philosophy of Religion*--A study of the nature and meaning of religion within various world views, including a comparative study of the more important religious movements. Prerequisite: Either Humanities 202 or Philosophy 301 and 302. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN COMMUNICATIONS

(Television Production/Broadcasting and Radio Production/Broadcasting)

This listing includes all college requirements for graduation and completion of a major in Communications. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PSYC 250	General Psychology	3
COMM 101	Intro. to Mass Media	3	COMM 201	Prin. of Inter. Comm.	3
Computer elective		3			Total 16
	Total 17				
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
SOCL 201	Intro. to Sociology	3	COMM 205	Reporting for Public Media	3
COMM 207	Hist. of Media & Christianity	3	MATH 213	Statistics	3
BIOL 110	General Biology	4	COMM 102	Oral Presentation	3
	Total 16		Minor		3
					Total 18
<u>Junior</u>					
COMM 323	Fund. of TV Production	3	COMM 421	Advanced TV Production	3
COMM specialty course		3	COMM specialty course		3
PHYS 104	Earth & Space Science	4	Minor		6
Minor		3	Elective		3
Elective		3			Total 15
	Total 16				
<u>Senior</u>					
COMM 325	Writ. for Aural/Visual Media	3	COMM 423	Video Program Design or	
Social learning elective		3	COMM 495	Seminar*	3
Minor		3	BIBL 471	Christ and Culture	3
Electives		6	COMM 491	Field Work	3
	Total 15		Minor		3
			Elective		3
					Total 15

*Course selection is determined by whether the specialty is in television or radio.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN COMMUNICATIONS (Journalism)

This listing includes all college requirements for graduation and completion of a major in Communications. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PSYC 250	General Psychology	3
COMM 101	Intro. to Mass Media	3	COMM 201	Prin. of Inter. Comm.	3
Computer elective		3			Total 16
		Total 17			

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
SOCL 201	Intro. to Sociology	3	COMM 205	Reporting for Public Media	3
COMM 207	Hist. of Media & Christianity	3	MATH 213	Statistics	3
BIOL 110	General Biology	4	COMM 102	Oral Presentation	3
		Total 16	Minor		3
					Total 18

Junior

COMM 331	Specialty Reporting/Writing	3	COMM 335	Editing/Style in Media	3
COMM specialty course		3	COMM specialty course		3
PHYS 104	Earth & Space Science	4	Minor		6
Minor		3	Elective		3
Elective		3			Total 15
		Total 16			

Senior

COMM 337	Photojournalism	3	COMM 431	Feature Writ./Print Media or	
Social learning elective		3		432 Relig. Writing/Publica.	3
Minor		3	BIBL 471	Christ and Culture	3
Electives		6	COMM 491	Field Work	3
		Total 15	Minor		3
			Elective		3
					Total 15

SUGGESTED COURSE SEQUENCE FOR MAJORS IN COMMUNICATIONS (Public Relations and Advertising)

This listing includes all college requirements for graduation and completion of a major in Communications. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester		Spring Semester	
<u>Freshman</u>			
BIBL 123 Old Testament Survey	3	BIBL 124 New Testament Survey	3
HUMN 101 Humanities	6	HUMN 102 Humanities	6
PSYC 100 Intro. to Coll. & Careers	1	H&PE activity	1
H&PE 101 Fitness for Life	1	PSYC 250 General Psychology	3
COMM 101 Intro. to Mass Media	3	COMM 201 Prin. of Inter. Comm.	3
Computer elective	3		
	Total 17		Total 16
 <u>Sophomore</u>			
HUMN 201 Humanities	6	HUMN 202 Humanities	6
SOCL 201 Intro. to Sociology	3	COMM 205 Reporting for Public Media	3
COMM 207 Hist. of Media & Christianity	3	MATH 213 Statistics	3
BIOL 110 General Biology	4	COMM 102 Oral Presentation	3
	Total 16	Minor	3
			Total 18
 <u>Junior</u>			
COMM 311 Public Relations Practices	3	COMM 315 Media Advert. & Sales	3
COMM specialty course	3	COMM specialty course	3
PHYS 104 Earth & Space Science	4	Minor	6
Minor	3	Elective	3
Elective	3		
	Total 16		Total 15
 <u>Senior</u>			
COMM 411 Public Relat./Adv. Campaigns	3	COMM 415 Public Relat./Adv. Research	3
Social learning elective	3	BIBL 471 Christ and Culture	3
Minor	3	COMM 491 Field Work	3
Electives	6	Minor	3
	Total 15	Elective	3
			Total 15

SUGGESTED COURSE SEQUENCE FOR MAJORS IN ENGLISH

This listing includes all college requirements for graduation and completion of a major in English. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	COMM 102	Oral Presentation	3
MATH 107	Principles of Math	3	PSYC 250	General Psychology	3
		Total 15			Total 16

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
SOCL 201	Intro. to Sociology	3	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	Foreign language		3
Foreign language		3	Elective		3
		Total 16			Total 16

Junior

ENGL 304	American Literature	3	English elective		3
Minor and/or electives		6	SOCL 303	Family	3
English elective		3	Minor and/or electives		9
Foreign language		3	Foreign language		3
		Total 15			Total 18

Senior

English electives		6	BIBL 471	Christ and Culture	3
Minor and/or electives		12	English elective		3
		Total 18	ENGL 460 or 461	Elizabethan or Jacobean Drama	3
			Minor and/or electives		6
					Total 15

SUGGESTED COURSE SEQUENCE FOR MAJORS IN FINE ARTS (Art emphasis)

This listing includes all college requirements for graduation and completion of a major in Fine Arts. The strength of the Fine Arts Program lies in its interdisciplinary nature. It serves as both a major and a minor. The Fine Arts Program is available only as a Bachelor of Arts degree; foreign language through the intermediate level is required. The electives within the Fine Arts Program are determined by the students with their advisers to address the specific goals of the students. Students who have an interest in arts administration may also consider the option of a semester of study at the Christian College Coalition's American Studies Program based in Washington, D.C.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	MATH 107	Principles of Math	3
ART 250	Drawing I	3	ART 251	Painting I	3
		Total 14			Total 16
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Foreign language		3	Foreign language		3
SOCL 201	Introduction to Sociology	3	GEOG 201 or 202		3
ART 367	Art History <u>or</u>		ART 431	Sculpture <u>or</u>	
ART 350	Drawing II	3	ART 411	Printmaking	3
		Total 15	ART 375	Studio Workshop (recommended elective)	2
					Total 17
<u>Junior</u>					
COMM 102	Oral Presentation	3	Foreign language		3
Foreign language		3	PSYC 250	General Psychology	3
BIOL 110	General Biology	4	PHYS 104	Earth & Space Science	4
ART 237	Basic Photography	3	ART 431	Sculpture Studio <u>or</u>	
ART 367	Art History <u>or</u>		ART 411	Printmaking Studio	3
ART 350	Drawing II	3	ART 351	Painting II	3
		Total 16			Total 16
<u>Senior</u>					
ART 401	Field Studies in Fine Arts 1-2	8	BIBL 471	Christ and Culture	3
Electives*		8	ART 421	Fine Arts and the Church	3
THEA 242	Fundamentals of Acting	3	ART 490	Directed Studies	3
ART 490	Directed Studies	3	ENGL 411 or 412	Contemporary Lit.	3
		Total 15-16	ART 495	Seminar	3
			Elective		3
					Total 18

*It is recommended that some elective hours be given to additional art courses.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN FINE ARTS

(Photography emphasis; courses are listed under Art listing)

This listing includes all college requirements for graduation and completion of a major in Fine Arts. The strength of the Fine Arts Program lies in its interdisciplinary nature. It serves as both a major and a minor. The Fine Arts Program is available only as a Bachelor of Arts degree; foreign language through the intermediate level is required. The electives within the Fine Arts Program are determined by the students with their advisers to address the specific goals of the students. Students who have an interest in arts administration may also consider the option of a semester of study at the Christian College Coalition's American Studies Program based in Washington, D.C.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	COMM 102	Oral Presentation	3
ART 237	Basic Photography	3	ART 310	Intermediate Photography	3
		Total 14			Total 16
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Foreign language		3	Foreign language		3
SOCL 201	Introduction to Sociology	3	MATH 107	Principles of Math	3
ART 312	Color Photography	3	ART 337	Photojournalism	3
		Total 15			Total 15
<u>Junior</u>					
Foreign language		3	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	ART 203, 250, or 251 Advanced B&W, View Camera, or Studio Photo. (on ETSU campus)3		
PSYC 250	General Psychology	3	ECON 201	Principles of Economics	3
THEA 242	Fundamentals of Acting	3	ART 366	History of Photography	3
		Total 13	CPTR 100	Intro. to the Computer	1
			Foreign language		3
					Total 17
<u>Senior</u>					
ART 401	Field Studies in Fine Arts	1-2	ART 421	Fine Arts and the Church	3
ART 361	Art History	3	ART 490	Directed Studies	3
BIBL 471	Christ and Culture	3	ART 495	Seminar	3
ART 490	Directed Studies	3	ENGL 411 or 412	Contemporary Lit.	3
Electives*		6	Electives		6
		Total 16-17			Total 18

It is recommended that some of the elective hours be taken in Art, Business, and Communications.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN FINE ARTS (Theatre emphasis)

This listing includes all college requirements for graduation and completion of a major in Fine Arts. The strength of the Fine Arts Program lies in its interdisciplinary nature. It serves as both a major and a minor. The Fine Arts Program is available only as a Bachelor of Arts degree; foreign language through the intermediate level is required. The electives within the Fine Arts Program are determined by the students with their advisers to address the specific goals of the students. Students who have an interest in arts administration may also consider the option of a semester of study at the Christian College Coalition's Los Angeles Film Studies Center or the American Studies Program based in Washington, D.C.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	COMM 102	Oral Presentation	3
THEA 151	Introduction to Theatre	3	THEA 141	Fund. Voice/Stage Movement	3
	Total 14		MUSC 110 or 110 Voice		1
				Total 16	
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Foreign language		3	Foreign language		3
MUSC 110 or 111	Voice	1	PHYS 104	Earth & Space Science	4
SOCL 201	Intro. to Sociology	3	THEA 240	Make-up and Masks	3
THEA 242	Fundamentals of Acting	3		Total 16	
	Total 16				
<u>Junior</u>					
Foreign language		3	Foreign language		3
ART 203, 250, or 251 (at ETSU)		3	PSYC 250	General Psychology	3
ART 237	Basic Photography	3	THEA 340	Fund. of Directing	3
BIOL 110	General Biology	4	THEA 343	Scenography	4
Social learning elective		3	ENGL 460	Elizabethan Drama	3
	Total 16			Total 16	
<u>Senior</u>					
ART 401	Field Studies in Fine Arts 1-2	3	BIBL 471	Christ and Culture	3
MATH 107	Principles of Math	3	ART 421	Fine Arts and the Church	3
THEA 345	Theatre Workshop	3	ENGL 411 or 412	Contemporary Lit.	3
Electives		9	ENGL 461	Jacobean Drama	3
	Total 16-17		Elective		3
				Total 15	

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HUMANITIES

This listing includes all college requirements for graduation and completion of a Humanities major. A minor course of study is suggested from the disciplines of history, English, philosophy, fine arts, foreign language, or Bible. NOTE: Spanish may be taken for six hours instead of French or German and Math. The Math would then need to be picked up later. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123 Old Testament Survey	3	BIBL 124 New Testament Survey	3
HUMN 101 Humanities	6	HUMN 102 Humanities	6
PSYC 100 Intro. to Coll. & Careers	1	H&PE activity	1
H&PE 101 Fitness for Life	1	PSYC 250 General Psychology	3
MATH 107 Principles of Math	3	Foreign language	3
Foreign language	3		
			Total 16
	Total 17		

Sophomore

HUMN 201 Humanities	6	HUMN 202 Humanities	6
SOCL 201 Introduction to Sociology	3	Foreign language	3
BIOL 110 General Biology	4	COMM 102 Oral Presentation	3
Foreign language	3	PHYS 104 Earth & Space Science	4
	Total 16		Total 16

Junior

ENGL 304 American Literature	3	ENGL 305 American Literature	3
Foreign language literature	3	Foreign language literature	3
Bible elective	3	SOCL 303 Family	3
History elective	3	History elective	3
Art elective	3	Bible elective	3
	Total 15	Art elective	3
			Total 18

Senior

English elective*	3	BIBL 471 Christ and Culture	3
History elective*	3	HUMN 490 Readings & Research in	
Bible elective*	3	Humane Learning	3
Philosophy elective*	3	ENGL 460 or 461	3
Electives	6	History elective*	3
	Total 16	General elective	3
			Total 15

*Must be 300 or 400 level course

SUGGESTED COURSE SEQUENCE FOR MAJORS IN MUSIC (with Teacher Licensure)

This listing includes all college requirements for graduation and completion of a Music major with teacher licensure. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser. This program is designed to be completed in the equivalent of nine semesters.

Fall Semester			Spring Semester		
Freshman					
BIBL 123	Old Testament Survey	3	HUMN 102	Humanities	6
HUMN 101	Humanities	6	BIBL 124	New Testament Survey	3
PSYC 100	Intro. to Coll. & Careers	1	H&PE 101	Fitness for Life	1
MUSC 143	Basic Music Theory	3	MUSC 144	Basic Music Theory	3
MUSC 145	Basic Ear Training	1	MUSC 146	Basic Ear Training	1
Ensemble		1	Ensemble		1
Principal Applied		2	Principal Applied		2
MUSC 208	Piano Proficiency*	0	MUSC 199	Freshman Comp.	0
		Total 17			Total 17

*Note: Secondary applied concentration must be taken until proficiency is passed.

<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Foreign language		3	Foreign language		3
MUSC 243	Advanced Music Theory	3	MUSC 244	Advanced Music Theory	3
MUSC 245	Advanced Ear Training	1	MUSC 246	Advanced Ear Training	1
Ensemble		1	Ensemble		1
Principal Applied		2	Principal Applied		2
EDUC 153	Introduction to Teaching	2	MUSC 299	Sophomore Comp.	0
		Total 18	Proficiency		0
			Minor		3
					Total 19

<u>Junior</u>					
Foreign language		3	Foreign language		3
MUSC 347	Form and Analysis	2	MUSC 348	Orchestration & Arranging	2
MUSC 363	Basic Conducting	2	MUSC 364	Advanced Conducting	2
MUSC 367	Music History and Literature	3	MUSC 368	Music History & Literature	3
Ensemble		1	Ensemble		1
Principal Applied		2	Principal Applied		2
Laboratory science		4	Laboratory science		4
EDUC 102	Computers in Teaching	1	COMM 102	Oral Presentation	3
		Total 18			Total 20

<u>Senior</u>			
EDUC 408	Secondary Foundations	3	BIBL 471 Christ and Culture 3
MATH 107	Principles of Math	3	SOCL 303 Family 3
MUSC 451	Materials and Methods	3	MUSC 452 Materials and Methods 3
Ensemble		1	Ensemble 1
Principal Applied		2	Principal Applied 2
COMM 102	Oral Presentation	3	Social learning elective 3
PSYC 252	Developmental Psychology	3	H&PE activity 1
	Total 18		Senior Recital 0
			Total 16

Additional Semester

EDUC 451	Seminar in Student Relations	3
EDUC 452	Student Teaching	12
	Total	15

SUGGESTED COURSE SEQUENCE FOR MAJORS IN CHURCH MUSIC

This listing includes all college requirements for graduation and completion of a Church Music major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser. The program is designed to be completed in nine semesters or eight semesters plus summer school.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	HUMN 102	Humanities	6
HUMN 101	Humanities	6	BIBL 124	New Testament Survey	3
PSYC 100	Intro. to Coll. & Careers	1	H&PE 101	Fitness for Life	1
MUSC 143	Basic Music Theory	3	MUSC 144	Basic Music Theory	3
MUSC 145	Basic Ear Training	1	MUSC 146	Basic Ear Training	1
Ensemble		1	Ensemble		1
Principal Applied		2	Principal Applied		2
MUSC 208	Piano Proficiency*	0	MUSC 199	Freshman Comp.	0
		Total 17			Total 17

Note: Secondary applied concentration must be taken until proficiency is passed.

<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Foreign language		3	Foreign language		3
MUSC 243	Advanced Music Theory	3	MUSC 244	Advanced Music Theory	3
MUSC 245	Advanced Ear Training	1	MUSC 246	Advanced Ear Training	1
Ensemble		1	Ensemble		1
Principal Applied		2	Principal Applied		2
H&PE activity		1	MUSC 299	Sophomore Comp.	0
		Total 17	Proficiency**		0
					Total 16

<u>Junior</u>					
Foreign language		3	Foreign language		3
MUSC 347	Form and Analysis	2	MUSC 348	Orchestration & Arranging	2
MUSC 363	Basic Conducting	2	MUSC 364	Advanced Conducting	2
MUSC 367	Music History and Literature	2	MUSC 368	Music History & Literature	3
Ensemble		1	Ensemble		1
Principal Applied		2	Principal Applied		2
Laboratory science		4	Laboratory science		4
		Total 16			Total 17

Senior

BIBL 471	Christ and Culture	3	MUSC 369	Hymnology	2
MUSC 451	Materials and Methods	3	MUSC 452	Materials and Methods	3
MATH 107	Principles of Math	3	MUSC 491	Practicum	6
Principal Applied		2	Social sciences		3
COMM 102	Oral Presentation	3	SOCL 303	Family	3
PSYC 252	Developmental Psychology	3			Total 17
	Total 17				

* For students whose principal concentration is organ.

** For students whose principal concentration is not organ.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN PERFORMANCE MUSIC

This listing includes all college requirements for graduation and completion of a Performance Music major. A minor course of study must be selected. The sequence of course is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	HUMN 102	Humanities	
HUMN 101	Humanities	6	BIBL 124	New Testament Survey	
PSYC 100	Intro. to Coll. & Careers	1	H&PE 101	Fitness for Life	
MUSC 143	Basic Music Theory	3	MUSC 144	Basic Music Theory	
MUSC 145	Basic Ear Training	1	MUSC 146	Basic Ear Training	
Ensemble		1	Ensemble		
Principal Applied		2	Principal Applied		
MUSC 208	Piano Proficiency*	0	MUSC 199	Freshman Comp.	
Total		17	Total		17

Note: Secondary applied concentration must be taken until proficiency is passed.

<u>Sophomore</u>			
HUMN 201	Humanities	6	HUMN 202 Humanities
	Foreign language	3	Foreign language
MUSC 243	Advanced Music Theory	3	MUSC 244 Advanced Music Theory
MUSC 245	Advanced Ear Training	1	MUSC 246 Advanced Ear Training
	Ensemble	1	Ensemble
	Principal Applied	2	Principal Applied
H&PE activity		1	MUSC 299 Sophomore Comp.
Total 17		Proficiency**	
		Minor	
		Total 17	

<u>Junior</u>			
	Foreign language	3	Foreign language
MUSC 347	Form and Analysis	2	MUSC 348 Orchestration & Arranging
MUSC 363	Basic Conducting	2	MUSC 364 Advanced Conducting
MUSC 367	Music History and Literature	3	MUSC 368 Music History & Literature
	Ensemble	1	Ensemble
	Principal Applied	2	Principal Applied
	Laboratory science	4	Laboratory science
Total 17		COMM 102 Oral Presentation	
		Total 20	

Senior

IBL 471 Christ and Culture	3	Minor	9
MATH 107 Principles of Math	3	Social sciences	3
Ensemble	1	Ensemble	1
Principal Applied	2	Principal Applied	2
Social learning	3	Psychology elective	3
Minor	6	Senior Recital	0
Total 18			Total 18

For students whose principal concentration is organ.

* For students whose principal concentration is not organ.

Area of Professional Learning



Dr. Julia G. Holmes

Ms. Carolyn W. Carter, Co-Chairpersons

The curricula in the Area of Professional Learning are offered to those students who are planning careers in business or education. Courses in accounting, business administration and economics, computer science, health and physical education, education, and the legal assistant studies are designed to prepare students for employment in these fields, to give them knowledge of the history and literature of the respective disciplines, and to make them aware of related problems. They are also designed to provide such curricula leading to degrees which combine specialized training with a liberal arts education. Study in any one of these professional fields prepares the qualified student for graduate study.

Any courses counting toward a major may not also count toward a minor or a second major.

The secondary business teacher licensure programs are accounting and data processing. Accounting consists of Accounting 211, 212, 301, 302; Economics 201, 202, 301; Business Administration 315, 321, 361; Computer 275 or 280. Data processing consists of Accounting 211, 212, 301, 302; Economics 201, 202, 301; Computer Science 104, 275, 280; Business Administration 315, 321, 361.

ACCOUNTING

Courses in accounting are designed to prepare the student for careers in public accounting, managerial accounting (controllershship), and related enterprise and institutional management areas. Basic skills are learned and practiced and higher level accounting concepts and principles are acquired through problem oriented courses in each of the accounting discipline areas. The use of accounting as a managerial tool is emphasized.

The Bachelor of Science degree with a major in accounting consists of thirty-three semester hours which must include Economics 201-202, 301; Accounting 211-212, 301-302, 311, 312, 411 or 415, and three semester hours of accounting electives at the junior or senior level. In addition to specific courses required in the major, the student must have MATH 213 which meets the math requirement in the general education requirements and CPTR 275 or 280. A grade point average of 2.25 is required in the major.

The Accounting minor consists of twenty-four semester hours which must include Economics 201-202, Accounting 211-212, 301-302, and six semester hours of accounting electives at the junior and senior level. Business administration majors with an accounting minor are required to take twelve hours of business electives in place of Economics 201-202 and Accounting 211-212.

Students planning to become Certified Public Accountants should be aware that many states have made substantial changes in their educational requirements for persons desiring a CPA Certificate. These requirements vary in their specific requirements from state to state but must be met before the applicant's first sitting for the Uniform CPA Examination. Students should check the exact requirements for the particular state in which they intend to seek certification. For example, the State of Tennessee requires a total of 150 semester hours which is an additional 22 semester hours beyond the 128 needed for a bachelor's degree in accounting at Milligan College. Students intending to become CPAs are encouraged to consult with their advisers early in their college career.

211-212. *Introductory Accounting*--An introduction to the principles of accounting. Covered are the fundamentals of recording, summarizing, and analyzing business transactions; also given is a detailed consideration of recording in books of original entry, posting to ledger, completion of period summary, and preparation of accounting statements. Three semester hours each semester.

211-302. *Intermediate Accounting*--A continuation of the study of the principles of accounting with emphasis upon the more intricate details of the accounting process. Special attention is given to unusual accounting problems and to statement analysis and application. Prerequisite: Accounting 211-212. Three semester hours each semester.

211-311. *Cost Accounting*--A study of the use of accounting information for managerial decisions with emphasis on the role of the controller and the "Planning & Control" techniques used in modern industrial and commercial organizations. Prerequisite: Accounting 211-212. Three semester hours.

211-312. *Auditing*--A study of audit theory and procedure as applied to verification of accounts, internal control, professional ethics, and the preparation of reports. Prerequisite: Accounting 211-212. Three semester hours each semester.

211-315. *Not-For-Profit Accounting*--A study of accounting principles and techniques uniquely applicable to the public and not-for-profit sectors of economic organizations. This course includes the principles of "Fund Accounting" as well as controllership techniques utilized in managing not-for-profit and governmental institutions. Prerequisite: Accounting 211-212. Three semester hours.

211-412. *Federal Income Taxation*--An introduction to federal taxes on income and the preparation of tax returns for individuals, partnerships, and corporations. The course includes a study of the concepts of income, capital gains and losses, and deductible expenses. Also covered are accounting methods, including withholding procedures, inventories, estate taxes, gift taxes, and social security taxes. Prerequisite: Accounting 211-212. Three semester hours each semester.

211-515. *Advanced Accounting: Theory*--A continuation of the study of the principles of accounting with emphasis on the more complex accounting environment. This includes such areas as business combinations, bankruptcies and other liquidations, intercompany transactions, segment reporting and accounting, and reporting for the SEC. Prerequisite: Accounting 302. Three semester hours.

416. Advanced Accounting: Problems--A study to prepare the student to handle complex accounting problems of the type that frequently appear on the CPA exam. While the course is primarily oriented to the student planning to go into public accounting, it also has substantial value for the student interested in large company controllership. Prerequisite: Accounting 415. Three semester hours.

491. Field Work--A practicum experience that will involve the student in a supervised position in business for the dual purpose of learning about accounting and possible occupational choices. One to six semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Courses in business administration are primarily of a vocational nature and are concerned with the specific application of general economic and commercial principles. They emphasize knowledge and techniques useful to students intending to pursue careers in business.

The main purpose of the courses in economics is to develop in the student the ability to analyze and understand economic principles and institutions from a historical as well as a contemporary point of view. These courses furnish the theoretical background necessary for the achievement of a particular vocational or professional goal. They also constitute the academic basis for graduate study in economics and related fields.

The Bachelor of Science degree is offered with a choice of emphasis which allows the student to complete a strong core curriculum in business, accounting, and economics and to have one of five specialties allowing for in-depth study in a specific field. A grade point average of 2.25 is required for the major. Students majoring in business administration with an accounting emphasis may not minor in accounting. Students majoring in business administration with an economics emphasis may not minor in economics.

REQUIRED CORE COURSES (24)

Economics 201-202
Accounting 211-212
Economics 301

Business Administration 315
Business Administration 361
Computer Science 275 or 280

EMPHASIS

General (9)

Any nine hours of Economics, Business, or Accounting

Marketing (9)

Bus. Adm. 304
Bus. Adm. 311
Bus. Adm. 316

Economics (9)

Economics 304
Economics 403
Economics 460

Management (9)

Bus. Adm. 362
Bus. Adm. 375
Bus. Adm. 445

Accounting (9)

Acct. 301-302
Acct. 311

In addition to specific courses required in the major, the student must have MATH 213 which meets the math requirement in the general education requirements.

The Business Administration minor consists of twenty-one semester hours including Accounting 211-212, Economics 201-202, Computer Science 275 or 280, and six hours of business, accounting, or economics electives at the junior and senior level. Accounting majors with a business administration or economics minor are required to take business electives in place of Economics 201-202 and/or Accounting 211-212.

BUSINESS ADMINISTRATION

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

304. Advertising--A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. Three semester hours.

311. Industrial and Public Relations--A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.

315. Marketing--A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. Prerequisite: Economics 201-202. Three semester hours.

315L. Computer Projects in Marketing--A computer applications laboratory focused on the major marketing decision areas using "What if" analysis. Must be taken with Business Administration 315. One semester hour.

316. Marketing Communications--A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Prerequisite: Business Administration 315. Three semester hours.

321-322. Business Law--A study of the law of contracts, agency, negotiable instruments, property, sales, bailments, insurance, partnerships, corporations, bankruptcy, and business torts and crimes. Emphasis is placed upon the application of principles to commonly occurring commercial situations. Three semester hours each semester.

332. Management Information Systems--A study which integrates topics of management and organization theory, information and communication theory, and systems theory

relevant to managing an organization's information resource with computer emphasis in system design. Prerequisite: Computer Science 280. Three semester hours.

361. Principles of Management--A study of the basic principles of management. Also considered are decision-making and the fundamental function of management, planning, organizing, actuating, controlling, and applying the process of management to selected areas. Studies of individual firms are discussed. Prerequisite: Economics 201-202. Three semester hours.

362. Personnel Management--A study of the principles and policies governing employee-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. Prerequisite: Economics 201-202 or permission of the instructor. Three semester hours.

362L. Computer Projects in Personnel Management--A computer applications laboratory focused on areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Must be taken with Business Administration 362. One semester hour.

370. Personal Finance--An overview of personal and family financial planning with an emphasis on financial recordkeeping, planning your spending, tax planning, consumer credit, making buying decisions, purchasing insurance, selecting investments, and retirement and estate planning. Three semester hours.

375. Small Business Management--A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation in which the students start and run their own small businesses is an integral part of the course. Three semester hours.

421. Business Ethics--A study of theoretical and practical problems of moral conduct in the field of business. The course emphasizes both the philosophical foundations of ethical conduct and the practical problems encountered in the day-to-day conduct of business affairs. Much of the study of practical problems centers around actual case studies. Although there are no specific prerequisites, this course should generally be taken only after a number of other business administration courses have been completed. Three semester hours.

445. Advanced Organizational Theory--A case studies approach to the examination of complex industrial structures and the communications problems associated with them. The course uses problem solving techniques as a basis for dealing with complex situations. Three semester hours.

491. Field Work--A practicum experience that will involve the student in a position in business under adequate supervision for the joint purposes of learning about business and possible occupational choices. One to three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

ECONOMICS

A minor in economics consists of Economics 201-202, 304, 370, 403, and 460. Business administration majors with an Economics minor are required to take six hours of Business Administration or Economics electives in place of Economics 201-202.

201-202. Principles of Economics--A comprehensive study of the principles and factors of production, exchange, distribution, and consumption of economic goods. Included are a rapid survey of existing economic systems and a brief history of economic thought. Three semester hours each semester.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301. Corporate Finance--A study of the basic financial structure of the corporate type of business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. Prerequisite: Economics 201-202 and Accounting 211-212. Three semester hours.

304. Government and Business--See Political Science 304.

360. The U.S. Economy--A study of one or more problems facing the United States economy. Two semester hours. Available only through American Studies Program.

403. Money and Banking--A study of the monetary system and theory along with a survey of the commercial banking system of the United States. Banking principles are analyzed, and banking institutions are studied to observe the application of principles. Prerequisite: Economics 201-202. Three semester hours.

460. History of Economic Thought--A study of economic history. Attention is given to the social and political context that has defined rules for economic behavior in the eighteenth, nineteenth, and twentieth centuries. Prerequisite: Economics 201-202. Three semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

COMPUTER SCIENCE

The Computer Science program at Milligan is designed to teach the relationship of the computer to the contemporary world. It is composed of courses in computer science and computer applications.

Courses required for a major in computer science are Computer Science 211, 212, 316, 317, 341, 343, 411, 431, and three hours of electives in computer science chosen from Computer Science 322, 332, or 495 with permission of the instructor; Business Administration 421; Economics 201, 202; Math 213. Economics 201 and 202 and Math 213 meet the general core requirements.

The minor in computer science consists of Computer Science 211, 212, 275 or 280, 341, 411, and three hours of electives in computer science chosen from Computer Science 104, 212, 213, 316, 332, 343, 431, or 495 with permission of the instructor; Business Administration 421; and Math 213. Math 213 meets the general core requirement. A proficiency test is available for Computer Science 104 and 211 for those students who already have knowledge in these areas.

100. Introduction to the Computer--An overview of the computer as it can be used in everyday life. Laboratory use of a computer is an integral part of the course. Not applicable toward a computer science major or minor. One semester hour.

104. BASIC Programming--An introduction to programming in BASIC with applications in business, science, social sciences, and education. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Three semester hours.

131. Keyboarding--Mastery of the keyboard. Emphasis is placed upon accuracy, speed, and continuity of movement. This course is designed for the individual who desires basic typing skills for personal use or for use on the computer keyboard. Not applicable toward a computer science major or minor. One semester hour.

211. Programming I--An introduction to all aspects of programming and the problem-solving process. A structured high-level language will be used with emphasis on designing, coding, debugging, and documenting programs. Laboratory use of a computer is an integral part of the course. A proficiency test is available for those students who already have knowledge in this area. Three semester hours.

212. Advanced Programming and Data Structures--A continuation of Programming I using structured design, style, and expression in debugging and testing larger programs. Introduction to algorithmic analysis and basic aspects of string processing, recursion search/sort methods, graphics, and data structures. Topics will include lists, stacks, queues linear structures, and trees. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.

213. COBOL--A study of programming techniques appropriate to the preparation of business oriented computer systems using the COBOL programming language. The study covers program design standards and program modularity as well as debugging and testing techniques. Laboratory use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.

275. Windows Applications--A study of the Windows environment and current Windows applications which will include "hands-on" experience with word processing

spreadsheet, and other available Windows packages. Prerequisite: Computer Science 100 or equivalent. Three semester hours.

280. Computers and Applications--A microcomputer applications course surveying the components of the microcomputer, an overview of the basic software types (word processing, database, and spreadsheets), and an introduction to DOS with in-depth discussion of the DOS commands found in a diskette environment. Prerequisite: Computer Science 131 or equivalent. Three semester hours.

316. Computer Architecture--An introduction to computer architecture including the hardware and software of a modern computing system. Attention is given to operating system components including I/O handling, memory management, interrupt handlers, assemblers, linkage editors, data and instruction representations, troubleshooting, and maintenance of microcomputers. Prerequisite: Computer Science 212. Three semester hours.

317. Assembly Language--The assembly language of a microcomputer including the instruction set, pseudo-operations, macros, conditional assembly, object code, dumps, coding and linkage conventions, addressing techniques, and use of the assembler. Prerequisite: Computer Science 316. Three semester hours.

322. Survey of Programming Languages--A comparative study of computer languages and their syntactic structure. Prerequisite: Computer Science 211. Three semester hours.

332. Management Information Systems--See Business Administration 332.

341. Systems Analysis and Design--A study of system design and implementation methods commonly used. The course provides an overview of the system development life cycle and in-depth coverage of the analysis phase of the life cycle. Use of a computer is an integral part of the course. Prerequisite: Computer Science 211. Three semester hours.

343. System Documentation--A study of the forms and techniques of successful technical writing with emphasis on communication between technical computer specialists and nontechnical computer users. Prerequisite: Computer Science 341. Three semester hours.

411. Database Management--A study of database management system concepts including data models and physical aspects of databases on both mainframe and microcomputers. Utilization of a database management system and the computer is an integral part of the course. Prerequisite: Computer Science 341. Three semester hours.

431. Operating Systems--A study of operating systems of both mainframe and microcomputers. The course includes single program systems, multi-programming and time-sharing, command languages and JCL, libraries and linkage editors, and multi-user systems. Prerequisite: Computer Science 212. Three semester hours.

495. *Seminar*—A seminar designed to promote in-depth discussion, independent research and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Permission of the instructor or major professor. One to three semester hours.

LEGAL ASSISTANT STUDIES

The purpose of the Legal Assistant Program is to prepare students to function as paralegals. Legal assistants work with attorneys but are not authorized to practice law. They must not take cases, appear in court to represent clients, set fees, or give legal advice. Legal Assistants work under the supervision of attorneys, who are ultimately responsible to the client.

The program is available either as a two-year certificate program or as the major in a bachelor's degree program.

Objectives of the program are as follows:

1. Graduates should be not only technically proficient but qualified to contribute to the advancement of the legal profession through broad understanding of the field. Such graduates should be able to contribute to the legal profession in a wide geographical area, since the College draws from more than twenty-five states in a typical year.
2. Graduates should be instructed in and encouraged to develop attitudes consistent with the general principles of ethical legal practice.
3. Graduates should be aware of the origin and direction of the paralegal field and be prepared to contribute to the development of the profession.
4. Graduates should be sensitive to the emerging concepts of the role of the legal assistant in the effective delivery of legal services in both the public and private sectors of society.

The Legal Assistant major requires the completion of thirty-two hours including Legal Assistant 110, 210, and 310 plus twelve hours of legal technical courses chosen from the following: Legal Assistant 320, 340, 350, 355, 360, 410, 420, and 430. Paralegals select Legal Assistant 491 for three to six hours and six to nine hours of such law-related courses as the following: Business Administration 321, 322, 421; Sociology 311; Economics 301; or any accounting courses. In addition to the specific courses required in the major, the student must have Psychology 357, Computer Science 275 or 280, and a 3.0 in English composition. To continue in the program, the student must have a 2.50 grade point average at the beginning of the junior year and a 2.75 at the beginning of the senior year.

The certificate program requires the completion of the major plus thirty hours of general education, including Bible 123 and 124. The student must have a 2.75 cumulative grade point average in order to receive the certificate. Baccalaureate students use the paralegal program as a major, select a minor, and complete all College general education requirements.

110. Introduction to the Legal Assistant Field--A survey of the rise, development, and present status of the profession. Included are visits to law offices and courts and contact with paralegal associations and court officials. The course is designed to allow the student to gain an initial familiarity with the field. Two semester hours.

210. Legal Research and Writing--An introductory course in legal research, including the preparation of legal pleadings, complaints, motions, petitions, orders, judgments, and correspondence. Three semester hours.

211. Legal Research and Writing II--A continuation of Legal Assistant 210 emphasizing research skills and the application of these skills in the preparation of legal documents. Also considered are the preparation of legal memoranda and various kinds of documents required in a lawsuit. Three semester hours.

310. Litigation--A consideration of the various aspects of pretrial and trial procedure including rules of the court procedure, pleadings, discovery, motions, pretrial conference, settlement, and conduct of the actual trial. Three semester hours.

320. Domestic Relations--A study of the legal forms and procedures involved in family law: divorces, legal separations, annulments, adoptions, support agreements and enforcement, property division, and related problems. Three semester hours.

340. Business Organizations--A consideration of the forms and techniques involved in the creation, management, and dissolution of corporations, partnerships, and joint ventures. Included are articles of incorporation, corporate charters, bylaws, requirements of initial meetings, stock subscriptions, and partnership agreements. Three semester hours.

350. Torts--A study of the legal concepts and procedures with which the paralegal must be familiar in order to assist the attorney in developing cases involving negligence, malpractice, and product liability. Three semester hours.

355. Criminal Law for Legal Assistants--A study of the role of the legal assistant in assisting the criminal lawyer in investigating, interviewing, researching, and organizing the case. Basic concepts of criminal law and the criminal justice system, to the extent such knowledge is necessary for a paralegal to function effectively, are also considered. Three semester hours.

360. Real Estate Law--The study of real estate law concepts, forms, and vocabulary. The student becomes familiar with real estate documents, title abstracting, real estate loans, and closing documents. Three semester hours.

370. Administrative Law--Consideration of the unique character of legal practice before administrative agencies in such areas as environmental protection, telecommunications, labor law, occupational health and safety. Particular emphasis is placed on Social Security and Veteran's Affairs matters. Three semester hours.

410. Estates, Wills, and Trusts--A study of the legal requirements and forms of wills,

basic estate planning, estate administration, and probate procedures. Also included are the creation of trusts and their administration and the requirements and procedures for handling state and federal estate and inheritance taxes. Three semester hours.

420. Contract and Uniform Commercial Code Forms--A consideration of the forms and requirements of a valid contract, with special emphasis on commercial forms such as security agreements, financing statements, perfection of security interests and purchase and shipping agreements. Recommended prerequisite: Business Administration 321-322. Three semester hours.

430. Debtor/Creditor Relations--A consideration of the forms and procedures incident to Article 9 of the Uniform Commercial Code plus types of bankruptcy and their relevant forms and procedures. Three semester hours.

491. Field Work--Supervised field work in various law offices and legal agencies designed to give the student broad exposure and initial practical competencies. Three to six semester hours.

ADULT EDUCATION PROGRAM

Milligan College offers a Business Administration major for adults twenty-five years and older who have completed sixty or more semester hours of college credit. The program includes a forty-two semester hour major which can be completed in about eighteen months. Degree candidates must also complete the College's general education core of humanities, social and behavioral sciences, natural sciences, and Bible as well as an appropriate number of elective courses. A limited amount of credit may be earned for documented college-level prior learning. Classes in the major meet on night per week in modules of five to six weeks each; a sequence of these modules begins twice each year. Inquiries should be addressed to the Office of Adult Education Programs.

Business Administration Major For Adults

100. Adult Student Seminar--This course is designed as a transition back to the classroom for those students who have been away from college for a while or for the adult student who is new to Milligan College. This course focuses on the economic, psychological, and sociological forces which strengthen the relationship between lifelong education and the skills needed in the workplace. Writing skills, learning style assessment, and an examination of thinking skills are also emphasized. Three semester hours.

301. Corporate Finance--A study of the basic financial structure of the corporate type business enterprise. Emphasis is given to the various methods of financing and to the role that management plays in determining financial policy. A computer application laboratory focuses on the major financial decision areas. Prerequisites: BADM 320 and 322. Four semester hours.

304. Advertising--A study of the principles of advertising along with its function and aims in business. Attention is given to the economic and psychological principles involved. There is also a study of market analysis and its importance to the field of advertising. The mechanics of layout, media, and copy writing are considered. A project requiring the development of appropriate advertisements is included as a significant part of this course. Four semester hours.

313. Business Statistics--A study of data analysis and statistical inference as well as various statistical methods. Basic statistical methods are applied to specific business problems. Four semester hours.

315. Principles of Marketing--A survey of marketing principles and problems and a detailed analysis of markets, market prices, and marketing agents. Consideration is also given to the struggle among the various agencies for the control of the market. A computer applications laboratory focuses on the major marketing decision areas using "what if" analysis. Four semester hours.

316. Marketing Communications--A study of the role and influence of persuasive communication in demand stimulation and expansion. Behavioral theory underlying promotional techniques is emphasized, and applications are made in mass communications, personal selling, and sales promotion. Students are required to provide an oral report concerning their project development. Four semester hours.

320. Managerial Accounting I--An analysis of costing techniques and applications used to aid management decision-making. Topics include budgeting, standards, and cost systems. Two semester hours.

321. Managerial Accounting II--A continuation of BADM 320 Managerial Accounting I. Two semester hours.

361. Principles of Management and Supervision--An examination of leadership styles and motivational theory as applied to the management and supervision of people in business and institutional communities. Negotiation and arbitration are included in this focus. Four semester hours.

362. Human Resource Management--A study of the principles and policies governing employer-employee relationships and a consideration of the problems and practices of hiring, supervising, and terminating workers. The computer applications laboratory focuses on the areas in human resource planning, applicant tracking, succession planning, and employee data base profiles. Four semester hours.

363. Public Relations--A study of the principles involved in developing and carrying out a satisfactory business and ethical relationship with people and with other business firms. Students are expected to examine and orally report upon a contemporary issue in public relations. Four semester hours.

375. Small Business Management--A study of the concepts and theories that will help the student create, manage, and gain profit from a small business. A computer simulation

in which the students start and run their own small businesses is an integral part of the course. Four semester hours.

410. Group and Organizational Behavior--A study of the relationships between organizational effectiveness, decision-making, leadership, and conflict resolution. A significant written project is included as a part of this course. Four semester hours.

415. Contemporary Economics--An examination of the economic framework in which financial and business management takes place. Students examine the relationship of economic theory to the management of organizations and institutions. There is a focus upon contemporary economic issues such as budget deficits, balance of payment deficits and unemployment. Included are a rapid survey of existing economic systems and a brief history of economic thought. A project involving the analysis of a current economic issue is also included. Four semester hours.

471. Christ and Culture--A study of the impact of the Christian faith as found in the New Testament upon contemporary Western culture. Some attention is given to conflicting ideologies expressed in literature, art, music, and media in the light of a biblical world. Prerequisites: Bible 123 and 124. Three semester hours.

CONTINUING EDUCATION

Short, non-credit courses are offered during the fall, spring, and summer to those adults who wish to acquire new skills or who wish to update or expand existing abilities. Popular courses include computer applications like DOS, Windows, WordPerfect, Lotus, Microsoft Word, Microsoft Excel, and other topics such as Sign Language. Students who wish to enroll in a Continuing Education course are not required to seek admission into the College. For further information, contact the Office of Adult Education Programs at (615) 461-8782.

EDUCATION

The program of teacher education is designed to serve persons who wish to be licensed for teaching early childhood, elementary, secondary, and/or exceptional children. Education courses also give the Christian education student knowledge of the principles of education.

Students do their observation and student teaching in the public and private schools of the nearby communities. A special feature of the program is a semester of professional education. During one of the senior semesters students complete fifteen weeks of full time student teaching and attend a group of seminars which are especially designed to give a combination of theory and practical experiences in education.

Milligan College students make application for teacher education while enrolled in the Introduction to Teaching class. Students must have a 2.5 grade point average, complete

the Pre-Professional Skills Test (PPST) with Tennessee approved scores, and be accepted by an admission board for full admission to teacher education. Students who have at least a 2.25 grade point average and have passed at least two of the PPST subtests may have provisional admission. The PPST is given each semester. Students with an Enhanced ACT score of 22 or an SAT score of 920 may be exempt from taking the PPST.

Admission to the program does not guarantee completion. If for any reason the education faculty decides that any student should not continue in the program, that student may be required to withdraw before completion.

Licensure

Milligan offers curricula for licensure issued by the State of Tennessee for early childhood teachers, elementary teachers, secondary teachers, and special education teachers. Milligan is approved by the Tennessee Department of Education for teacher education and is accredited by the National Council for the Accreditation of Teacher Education. This program leads to licensure in many states throughout the nation.

National Teacher Examination

Students in the teacher education program are required to take the National Teacher Examination during the last semester of the senior year.

Student Teaching

Students applying for student teaching should have completed Education 102, 153, 407 or 408, and Psychology 252. Elementary education students should have completed methods courses, and secondary students should have completed Education 471. Student teaching is done during the senior year. Application should be made by May 1 for the fall semester or by December 1 for the spring semester.

The student teacher applicant should have a minimum grade point average of 2.5 and expect to take only fifteen hours of credit during the student teaching semester. As a part of the application, the Director of Teacher Education will ask for a list of courses which the student plans to take for each of the remaining semesters of the Milligan B.A. or B.S. program.

The student teaching experience is a practicum in instruction and classroom management which begins with three weeks of orientation classes and includes a fifteen-week experience in an assigned school. The student teaching assignment will involve two grade levels during the fifteen-week period. Students observe the schedule of the school instead of the Milligan College schedule while enrolled in student teaching.

Special Arrangements of Education Courses

Early childhood and elementary education students should plan to enroll simultaneously in three courses: Education 315, 316, and English 354. In the activities of these courses students have an intensive time of instruction and a block field experience. Balancing analytical and comprehension skills, the course emphasizes the whole language approach to reading. Students teach reading and share children's literature in the school.

Early Childhood and Elementary Education Areas of Concentration

Milligan College offers an Early Childhood Education program for grades P-3 and an Elementary Education program for grades 1-8. Students build their professional education preparation around an academic sequence of courses which is called an area of concentration at Milligan College.

Components of Early Childhood Education

The Early Childhood Education program is a degree program which includes the Child Development concentration, general education courses, and professional education courses. These courses were selected by the Milligan College faculty in response to a list of required knowledge and skills developed by the Tennessee Department of Education.

General education requirements: Bible 123, 124, 471; Communications 102; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; History 309; Geography 201 or 202; Sociology 201; and Health and Physical Education 101 and either 111 or 411; and 1 hour of Physical Education activities.

Professional courses of the program consist of Math 103 and 104; Art 311; Health and Physical Education 303; Biology 350; Music 351; English 354; and Education 102, 153, 315, and 316.

The Early Childhood Education area of concentration is Child Development which has an early childhood emphasis. The Child Development concentration consists of Education 232, 341, 342, 345, and 441; Sociology 303; Psychology 250, 252, 253, 259, 353, and 357.

Components of Elementary Education

The Elementary Education program is a degree program which includes a selected area of concentration, general education courses, and professional education courses. These courses were selected by the Milligan College faculty in response to a list of required knowledges and skills developed by the Tennessee Department of Education.

General education requirements: Bible 123, 124, 471; Communications 102; Humanities 101, 102, 201, 202; Psychology 252; Biology 110; Physics 104; History 309, 310; Geography 201 or 202; Sociology 201; and Health and Physical Education 101 and either 111 or 411; and 1 hour of Physical Education activities.

Professional education courses: Math 103 and 104; Art 311; Health and Physical Education 303; Biology 350; Music 351; English 354; and Education 102, 153, 315, 316, and 407.

The Elementary Education 1-8 areas of concentration are Bible Studies, Social Studies, Mathematics, Science, Foreign Language, and Language Arts.

The Bible Studies concentration consists of Bible 123, 124, 201, 202, and 471; six hours of advanced Old Testament; and six hours of electives in Old and New Testament. The Social Studies concentration consists of Sociology 201, 210, 303; Geography 201; and

12 hours of electives from Sociology, Psychology, Economics, History, Geography, or Political Science. The student obtaining licensure in Special Education may include History 309-310 as a part of these twelve hours. The Mathematics concentration consists of Math 103, 104, 111, 112, 211, 213, 304 and Computer Science 104. The Science concentration includes Biology 110, 350, 360; Physics 104; and a choice of three courses from the following: Biology 120, 140, 210, 250, 251, 362; Chemistry 150, 151, 170, 171; and Physics 203, 204. Both biology and physical science should be represented in this choice. The Foreign Language concentration consists of English 312 and eighteen hours beyond the elementary level of a foreign language. The Language Arts concentration consists of English 311 and 402; Theatre Arts 151 or 340; 6 hours of literature from Humanities; and twelve hours of electives in English and theatre arts at the junior or senior level.

Elementary education students have as their academic advisers an Education faculty member and a professor from their chosen area of concentration or second major.

Early Childhood and Elementary Education Licensing

Students who have completed the Early Childhood program or the Elementary Education program must take the education semester courses in order to obtain licensure. The courses included in the education semester are Education 451 and 452.

Secondary Education Curriculum

The program for licensure in secondary education is designed for those interested in a teaching career at the middle school or high school level. Students completing the licensure also complete an academic major and an academic minor. The following areas are licensure endorsement areas: Biology, Business, Chemistry, Economics, English, General Science, History, Mathematics, Psychology, Sociology, Theatre, and French. Secondary certification may be completed with the Bachelor of Science degree (selected majors) or the Bachelor of Arts degree (language through the intermediate level required). In addition to the general education requirements and those of a major and minor, licensure in secondary education requires completion of the following: Mathematics 107 or 213; Psychology 252; and professional education courses including Education 102, 153, 408, 451, 452, and 471. An English major must complete Education 317.

K-12 Curriculum

Music, Health, and Physical Education are K-12 teacher education programs, but the professional education courses are only slightly different from the secondary program. Students in these areas take special methods courses.

Special Education Curriculum

Milligan College offers a noncategorical special education curriculum with emphasis in learning. The curriculum combines the knowledge and skills required to meet the Tennessee Guidelines for Comprehensive and Modified Programs. Graduates of the Milligan College special education program are educated to teach both severely and mildly handicapped children. Practica include experiences with learning disabled, mentally retarded, physically handicapped, emotionally disturbed, and gifted children. Since the program is closely related to psychology, the curriculum is organized to include a variation of the

psychology major. This psychology major includes both special education and psychology courses as follows: Math 103, 213; Education 102, 153, 231, 315, 316, 332, 333, 337, 338, 451, 452; Health and Physical Education 406; Sociology 201, 303; Psychology 250, 252, 259, 353, 357, 358, and 454. This psychology major must be accompanied by a Milligan minor for graduation.

Those who desire licensure in both elementary education and special education may combine the Elementary Education program with the Social Studies concentration altered to include special education courses. The altered Social Studies concentration includes: Sociology 210, 303; History 309, 310; Education 231, 332, 333, 334, 337, 338; Psychology 357 and 454; Health and Physical Education 406.

Associate in Science in Education

The Associate in Science in Education degree program qualifies persons to be care-givers at the associate level in organizations which serve handicapped children and adults. Hours completed for the Associate in Science degree may also be applied toward the Bachelor of Science degree. Required courses are Bible 123 and 124; Humanities 101 and 102; Communications 102; Mathematics 103; Sociology 303; Physical Education 101 and 209 (for one hour credit only); Psychology 100, 252, and 357; Education 231, 315, 316, 332, 333, 334, 337, 338, and 341.

102. Computers in Teaching--Computer application for use in the K-12 classroom and for the teacher's record keeping and research. One semester hour.

153. Introduction to Teaching--A first course for all of the teacher education programs. A practicum and a seminar related to the practicum are the focus. Readings are included. Two semester hours.

231. Psychology and Education of Exceptional Children--An introduction to the education of exceptional children and the psychological aspects of these exceptionalities. The exceptionalities include giftedness, mental retardation, brain injury, visual impairment, impaired hearing, speech handicaps, and learning disabilities. The course includes observation. Two semester hours.

252. Developmental Psychology--See Psychology 252.

253. Child Psychology--See Psychology 253.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

315. Literacy Development--A study of language development, language arts, and reading. Emphasis is given to methods and environments which promote literacy. Three semester hours.

316. Diagnosis and Remediation in Reading--A study of the diagnosis of reading skills

and the objectives, methods, and materials for the correction of reading difficulties. Direct contact with children in tutorial and group teaching situations is included. Three semester hours.

317. Secondary School Reading--A study of secondary school reading programs including diagnostic, developmental, and remedial procedures. The reading skills of the average student in the content areas are discussed. Three semester hours.

332. Learning Problems of Exceptional Children--A study of the learning problems of exceptional children including reading problems, arithmetic problems, auditory problems, visual problems, and perceptual motor problems. An introduction to some of the diagnostic tests is included. Three semester hours.

333. Educational Procedures for Exceptional Children--Educational procedures and materials for teaching exceptional children including learning disabled, mentally retarded, emotionally disturbed, physically handicapped, gifted, and socially maladjusted with an emphasis on learning. Techniques discussed include behavior modification, perceptual remediation, cognitive and intellectual development, and the use of various apparatus helpful to exceptional children. Three semester hours.

334. Practicum in Special Education--A student practicum in a special education classroom. Three semester hours.

337. The Mentally Retarded Child--A study of the causes and characteristics of mental retardation. The diagnosis, treatment, curriculum, life care, parental adjustment, and psychological development of the mentally retarded are discussed. Three semester hours.

338. The Multiple Handicapped Child--The nature and needs of individuals with severe, profound, and multiple handicaps with emphasis on basic educational approaches and on the roles of federal, state, and local agencies in providing services to this population. Three semester hours.

341. Early Childhood Education--A study of philosophical and theoretical foundations of early childhood. Emphasis is on major theories of child development, especially the constructivist view. In addition, this course seeks to provide students with concepts that will enable them to be effective in their commitment, sensitivity, resourcefulness, and organizational abilities with young children. Three semester hours.

342. Guiding Young Children--A study of skills and techniques for handling behavioral and disciplinary issues of young children. Students create and design creative experiences and activities for children in a variety of professional settings from birth through age eight. Emphasis is on providing a developmentally appropriate environment which fosters social/emotional development. Three semester hours.

343. Early Childhood Practicum--A two-hour-a-day experience lasting for one semester in a student teaching situation at the early childhood level. Four semester hours.

345. *Early Childhood Administration*--A study of the philosophy, organization, and components of developmentally appropriate early childhood programs. Administration, environmental aspects, staff development, and budget of programs are examined. Three semester hours.

407. *Middle Grades Foundations*--History, philosophy, and social foundations of middle grade education. Also included is a discussion of the curriculum, learning styles, language learning, and characteristics of the children of the middle grades. Field experience included. Three semester hours.

408. *Secondary School Foundations*--History, philosophy and social foundations of secondary education. Characteristics of adolescents, legal aspects of teaching, organization of schools, and the curriculum of secondary schools are discussed. Three semester hours.

441. *Program Planning for Young Children*--A study of the educational needs of young children in the cognitive realms of scientific, social, mathematical, and language learning. The focus is on planning and implementing a learning environment that provides hands-on discovery learning where the child is an active participant and decision-maker. Students engage in cooperative learning in planning integrated thematic units and conducting portfolio assessments. Emphasis is given to the integration of the content areas, especially math, science, social studies, and the language arts. Three semester hours.

451. *Seminar in Student Relations and Special Education*--A seminar discussion of classroom management. Characteristics of main-streamed handicapped students are described. The seminar must be taken during the semester of directed teaching. Three semester hours.

452. *Student Teaching: Practicum in Teaching Skills*--A practicum in lesson planning and instruction. An extensive orientation prepares the student for a fifteen week student teaching program which includes the perfecting of the planning and instruction skills in the classroom setting. Included for K-12 and secondary students is a discussion of reading in the content area. Twelve semester hours.

471. *Materials and Methods in Specific Subject Areas*--Courses in materials and methods in the specific subject matter areas in which Milligan College offers secondary teacher education programs. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

THE MASTER OF EDUCATION PROGRAM

The Master of Education degree is a fifteen-month professional educational program which prepares teachers for the high level of competence expected by public and private educational institutions. This program, initiated during the summer of 1989, increases both the quality and quantity of the educational experiences for teachers in all three areas of teacher training in professional education.

The M.Ed. program is designed (1) for students who have a bachelor's degree with a strong general education component, some specialty or endorsement area, and some introduction to educational methods and (2) for licensed teachers who have a bachelors degree and teach at the elementary or secondary level. For those students without licensure, the program consists of 45 semester hours which include licensure; for those already licensed, the requirements consist of 36 semester hours. Either group may finish the program in two summers and one academic year (i.e. fifteen months).

Goals of the Master of Education Degree

Special goals for the graduate program at Milligan College are as follows:

1. Provide students with research techniques and projects which will be focused toward professional development.
2. Provide opportunity for review of current literature related to the theory and practice of teaching.
3. Provide knowledge of student characteristics to support the instruction and management responsibilities of the teacher.
4. Increase the professional competencies of both elementary and secondary teachers at the preservice and the inservice levels.
5. Promote the professional studies at the graduate level to allow more opportunity for liberal arts and teaching specialty studies at the undergraduate level.
6. Encourage creativity in curriculum designing to include lesson planning, subject matter presentation, and classroom leadership.
7. Provide a sound foundation for further graduate study.

ACADEMIC AND FINANCIAL INFORMATION

Financial Information

Tuition is \$134 per semester hour for the 1994-95 school year. Financial aid is available through supplemental loans for students, guaranteed student loans, and teacher loan scholarships (for those seeking certification in math, science, art, or music). A non-refundable application fee of \$20.00 is required with the application.

Library

The P.H. Welshimer Library supports the academic program by providing research materials in all subject areas. More than 100 journals and periodicals are included in the Education Index and the Current Index to Journals in Education. The Library holds the collection of ERIC documents on microfiche from 1986 through the present and indexing to all ERIC documents from 1966 to the present. The Library also subscribes to EasyNet gateway service which gives faculty and students access to over 850 data bases. Membership in the Southeastern Library Network gives access to the inter-library loan sub-system.

Curriculum Center

The Curriculum Center houses a textbook collection, teacher aide materials (including games and manipulative materials), curriculum guides, and professional books. Also included are films, filmstrips, video and audio tapes, and records. A work space, including four computers, is a part of this center. Educational equipment, including 16mm projectors, filmstrip projectors, slide projectors, and video cameras and recorders are housed in the Library. A complete set of audio-visual equipment is stored in both the Curriculum Center and the classroom where teacher education classes meet. The Curriculum Center has a transparency maker, a laminating press, and an opaque projector.

Computer Services

Milligan College provides two computer labs. One lab is located in the Library and contains twenty PC's. A second lab is located in Derthick Hall and contains nine PC's. Also located in Derthick Hall is a third lab which contains five Apple computers. The labs are available for student usage unless a scheduled class is in session.

Full Standing

The minimum requirements for admission to the M.Ed. program are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of at least 2.75 or an overall undergraduate grade point average of at least 2.5 and a minimum score at the 35th percentile (National Norms) on the Miller Analogies Test.

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Two completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Miller Analogies Test score.

Students who do not meet the above requirements may be classified into one of the following categories:

Provisional Standing

The minimum requirements for provisional standing are as follows:

1. An undergraduate degree with a minimum overall undergraduate grade point average of 2.25 or a minimum score at the 25th percentile on the Miller Analogies Test (National Norms).

An applicant whose baccalaureate degree is from a program not accredited by a regional accrediting association or the American Association of Bible Colleges must submit acceptable scores on the Miller Analogies Test as described above and other evidence acceptable to the Academic Dean and the Director of Teacher Education.

2. Official transcript(s) from each institution attended showing all credits previously earned.
3. Two completed reference forms from faculty members or other persons who have adequate knowledge of the applicant's Christian commitment, character, and professional qualities or potential for success as a graduate student.
4. Provisional standing may be changed to full standing if the student achieves a grade point average of 3.0, has no grade less than a B- on the first nine hours of graduate work counted toward graduation, and scores no less than the 25th percentile on the Miller Analogies Test.

Special Standing

Students with an undergraduate degree who declare a non-degree graduate objective or transient students who have been admitted to graduate schools of other institutions are assigned to Special Standing. These non-degree status might be licensure seeking or might be taking course work for a variety of reasons. Non-degree status enables a student to enroll for graduate credit, but it does not guarantee that such credit will be counted toward degree objectives. When a student in non-degree status has been reclassified to Provisional or Full Standing at Milligan College by the Academic Dean and the Director of Teacher Education, a maximum of nine semester hours of Special Standing credit may be counted toward a degree objective.

Transient students may enroll with special admission status. Each applicant must provide the Graduate Office with a completed application for admission and a letter of approval from the Academic Dean or Registrar from the student's home institution.

Admission to Candidacy

Graduate students must make application for admission to candidacy immediately following the completion of twelve semester hours of graduate credit at Milligan College. If application is not made at this time, the student may not be permitted to register for subsequent work until the application is approved. These twelve hours normally include the Introduction to Research Methodology. The requirements which must be met before approval of admission to candidacy are as follows:

1. Achievement of full standing.
2. Completion of at least twelve semester hours of graduate credit at Milligan College with a minimum grade point average of 3.0
3. Completion of undergraduate requirements for teacher licensure as follows:
 - A. Elementary education--(1) basic pattern of liberal arts courses to assure licensure, (2) methods in reading and mathematics or
 - B. Secondary education--(1) basic pattern of liberal arts courses to assure licensure, (2) specific courses in endorsement areas to assure licensure.

Academic Probation and Retention Standards

When a student's cumulative average on courses applied toward the graduate degree falls below 3.0, the student will be permitted one semester of probationary standing in which to raise the average sufficiently. If the semester average on all courses taken during any semester falls below 2.0, the student's record will be reviewed by the Teacher Education Faculty for possible dismissal from the M.Ed. program. Students earning more than two C's may be suspended from the program.

Transfer Credit

A maximum of six semester hours of graduate credit in acceptable areas of study may be transferred from other approved institutions to the Milligan M.Ed. degree program.

Admissions Committee

Admission to the program is determined by an Admissions Committee made up of the Director of Teacher Education and two faculty members.

Admission of Seniors to Graduate Study

An undergraduate student who needs less than a semester or summer term of credit to complete the requirements for the bachelor's degree may be admitted to some graduate classes. If this student appears to be able to achieve provisional or full standing in the graduate program at the conclusion of the semester, the student may enroll in up to six hours of graduate credit to fill out a semester or summer term schedule with the approval of the Academic Dean of the College and the Director of Teacher Education.

Time Limits for Completion of Requirements

A graduate student in the M.Ed. program must complete all degree requirements within a six-year period. A successful appeal of this limitation may result in an extension of one, two, or three semesters granted by the teacher education faculty upon the recommendation of the student's graduate advisory committee and the Director of Teacher Education.

Comprehensive Examination

During the final semester of the graduate program each candidate must pass a comprehensive examination conducted by the candidate's advisory committee. Examinations may

be oral and/or written. Should the student fail to pass this examination, the student may apply for a re-examination. The faculty may require that additional courses be taken, and they have the option of giving an oral or a written examination to the student.

Grade Requirements for Graduation

Students must attain a 3.0 average for graduation.

Research Project

Students complete a research project which begins in the Introduction to Research class. The project features research related to the school setting of the internship assignment or to the school setting where a student is working as a full-time teacher. There are designated check points established for students to report on their research projects. These papers are presented in a seminar near the end of the student's graduate program.

National Teacher Examinations

Students who have not taken the National Teacher Examination Core Battery Tests and Specialty Area Examinations should complete these examinations with Tennessee approved scores at the end of their programs.

CURRICULUM

The three curricula which lead to the M.Ed. degree include the elementary program, the secondary program, and the program for licensed teachers. The elementary and secondary programs are designed for persons who need licensure to enter the teaching profession. These programs are built upon a strong liberal arts major and minor, including a full year internship and a research project. They require 45 hours of graduate credit.

The program designed for licensed teachers includes: (1) a focus upon current teacher strategies and curricular development and (2) a social-studies component designed to give the graduate student a greater understanding of the culture of the community, the function of the family, and the teacher's relationship to persons being inducted into the profession. This curriculum requires a research project and 36 hours of credit.

The three models described below may be completed in one year and two summers (fifteen months).

Core Courses (21 hours)

511. Study of Research Methodology	3 hours
512. Research Seminar	3 hours
523. Models of Teaching	3 hours
561. Seminar in Foundations	3 hours
562. School Organization and Law	3 hours
563. Advanced Educational Psychology	3 hours

Elementary Education Courses (24 hours)

520. Classroom Management and Instruction (elementary)	3 hours
530. Survey of Special Education	3 hours
541. Fine Arts Methods	3 hours
542. Health and Physical Education Methods	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Secondary Education Courses (24 hours)

522. Classroom Management and Instruction (secondary)	3 hours
524. Teaching Strategies	3 hours
527. Teaching of Reading in Content Areas	3 hours
530. Survey of Special Education	3 hours
551. Internship	6 hours
552. Internship	6 hours
Elective	3 hours

Courses for Certified Teachers (15 hours)

520 or 522. Classroom Management and Instruction	3 hours
524. Teaching Strategies	3 hours
526. Mentorship	3 hours
531. Analyzing Community Culture	3 hours
532. Counseling of Children and Families	3 hours
Elective	3 hours

Graduate Course Load

The normal course load for full-time students in the M.Ed. program is nine to twelve hours per semester. In certain cases, the Academic Dean and the Director of Teacher Education may approve a fifteen hour load for exceptional students.

511. Study of Research Methodology--A study of problem-solving, research methods, research design, and an introduction to basic statistics used in experimental and descriptive research. The course includes preparation of an acceptable research prospectus for a research project and the review of principles of research interpretation. Three semester hours.

512. Research Seminar--Completion of the research study begun in the Education 511. Students discuss types of data, published research, and principles of research interpretation. Each student reports on his or her own research findings. Three semester hours.

520. *Classroom Management and Instruction (Elementary)*--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.

521. *Test Construction and Interpretation*--A discussion of strategies for constructing teacher-made tests including true-false, matching, multiple-choice, and essay questions. Students learn how to read and interpret standardized test scores for student diagnosis. Three semester hours.

522. *Classroom Management and Instruction (Secondary)*--A review of the recent research related to classroom management. Unit and lesson planning and styles of instruction are discussed. This material is developed into strategies for classroom practice. Three semester hours.

523. *Models of Teaching*--A study of a variety of approaches to teaching designed to give teachers a broad repertoire of teaching skills which will enable students to become more effective learners and bring about particular kinds of learning. Also included is an examination of the new technologies available in education. Three semester hours.

524. *Teaching Strategies in Specific Teaching Areas*--A study of the current curriculum and teaching strategies being used in a specific teaching area. Three semester hours.

525. *Structure of the Curriculum*--A study of current trends in curriculum development. Students learn how to define objectives, plan for improvement, and organize instructional materials. Three semester hours.

526. *Mentorship*--A study of the literature related to mentorship. Students are made aware of modern school practice requiring that teachers develop a mentor relationship with teachers in the induction phase of teaching including both the internship and the first year of teaching. Three semester hours.

527. *Teaching of Reading in Content Areas*--A discussion of secondary reading and study strategies as well as techniques for diagnosis and instruction in reading. Three semester hours.

528. *Teaching Reading*--Current methods and strategies for teaching reading including such topics as whole language, comprehension, vocabulary development, and authentic reading assessment. Three semester hours.

529. *Teaching Mathematics*--A study of the presentation of calculation skills and applied mathematics problem solving appropriate to the elementary schools. Remediation strategies are included. Three semester hours.

530. *Survey of Special Education*--A study of the applications of psychological theories and research to the classroom setting. Topics covered include student characteristics, mental health, personality, learning theories, group dynamics, motivation, and evaluation. Three semester hours.

531. *Analyzing Community Culture*--A discussion of anthropological skills for studying a community. Some discussion of various sub-cultures in the United States is included. Three semester hours.

532. *Counseling of Children and Families*--A study of counseling principles important to teachers as they interact with children and their families. Three semester hours.

541. *Fine Arts Methods*--A study of art, music, and drama strategies and techniques useful to the elementary teacher. Three semester hours.

542. *Health and Physical Education Methods*--Reading and discussion of material related to fitness and health concerns of the teacher. The course includes instruction related to physical activity and rhythmical activities. Three semester hours.

551. *Internship*--Full days of teaching and school-based professional growth. In addition to a specific teaching assignment the student may have observations of various school situations, including multicultural, handicapped, rural, and urban settings. Some experiences to develop psychological readiness for the profession are included. Six semester hours.

552. *Internship*--A continuation of the internship involving greater responsibility in the teaching assignment. Six semester hours.

561. *Seminar in Foundations*--Student involvement in presentations and discussion related to the historical, philosophical, and sociological background of education. The American theoretical approaches to education are emphasized. Three semester hours.

562. *School Organization and Law*--A study of the organization and structure of the school including central office activities, special services, supervision, and school level administration. Specific laws related to schools in Tennessee and in the nation are topics of discussion. Three semester hours.

563. *Advanced Educational Psychology*--A study of the application of psychological theories and research to classroom setting. Topics include student characteristics, mental health, personality, learning theories, group dynamics, motivation, and evaluation. Three semester hours.

590. *Directed Study*--Research related to a specific educational problem under the direct supervision of an instructor. One to six semester hours.

595. *Seminar*--A seminar designed to promote in-depth discussion, independent research and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HEALTH AND PHYSICAL EDUCATION

Milligan College recognizes the need for physical and social as well as intellectual and spiritual development for the student seeking a liberal education. Courses are designed to give every student an opportunity to participate in a variety of sports as well as to prepare those who choose to teach physical education and health in the public schools. Helpful courses are also available in the field of recreation.

A student may major in health and physical education. A minor in either physical education or health may be selected by a student who does not choose to major in health and physical education.

A major in health and physical education consists of a minimum of thirty-four semester hours including Health and Physical Education 111, 204 or 205 or 206, 208, 209, 211, 300, 301, 303, 311, 312, 403, 404, 406, and 411. Also required are Biology 250-251 and either Sociology 303 or Psychology 353 or 358. Health and Physical Education 302 is recommended for prospective coaches.

The above major with the professional education requirements for certification prepares a student to teach both physical education and health in the public schools.

The minor in physical education consists of a minimum of twenty hours including Health and Physical Education 204 or 205 or 206, 208, 209, 300, 303, 312, 403, 404, and 406. For the teacher education student Biology 250-251 is also required. The teacher education student may elect an emphasis at the elementary or secondary level within this minor.

The minor in health consists of a minimum of eighteen semester hours and includes Health and Physical Education 111, 211, 311, 411; Sociology 303; and Psychology 353 or 358.

The K-12 physical education teacher licensure program includes Health and Physical Education 101, 204 or 205 or 206, 208, 209, 300, 301, 303, 311, 312, 403, 404, 406; Biology 250, 251; and Sociology 303. The K-12 health licensure program includes Health and Physical Education 101, 111, 211, 311, 411; Biology 250, 251; Sociology 303; Psychology 353 and 358.

101. Fitness for Life--A study of the fundamentals, principles, and techniques for development of a lifestyle of wellness/physical fitness, following a holistic approach. One semester hour.

11. Personal Health--A consideration of problems pertaining to the physical and social well-being of the individual. Included is a study of drugs, diseases, and important knowledge relating to health habits and attitudes. An overview of the health field is explored with an emphasis on health careers. Three semester hours.

51. Team Sports--Active participation in such sports as football, field hockey, soccer, and volleyball. One semester hour.

152. *Team Sports*--Active participation in such sports as basketball, team handball, speedball, and softball. One semester hour.

153. *Golf and Racquetball*--Instruction and participation at the beginning levels in each of these sports. Special fee. One semester hour.

154. *Beginning Swimming*--A course designed for non-swimmers. American Red Cross certification is available for beginning swimming, advanced swimming, and basic survival swimming. One semester hour.

155. *Beginning Badminton and Tennis*--A study of basic strokes and skills for beginning students in each of these lifetime sports. One semester hour.

156. *Intermediate Badminton and Tennis*--A study of skills and techniques of play for those beyond the level of beginners. One semester hour.

158. *Snow Skiing*--Instruction at a nearby ski resort. The class is divided according to level of skill, beginner to advanced. Special fee. One semester hour.

159. *Horseback Riding*--Instruction at nearby stables on gaited horses and English tack, for beginners as well as intermediate and advanced riders. Special fee. One semester hour.

161. *Archery and Racquetball*--Knowledge and skill development in target archery and racquetball. One semester hour.

199. *Special Activity*--Activities not offered as material in regular course offerings, but as student interest indicates. Possibilities include scuba diving, weight lifting, karate, bicycling, and others. One semester hour.

204. *Intermediate Swimming*--A course designed for students who need additional work on various strokes and diving. Advanced survival swimming will be stressed. American Red Cross certification is available in both intermediate and advanced survival. One semester hour.

205. *Lifeguarding*--A course designed primarily for those interested in pool and beach life-guarding. American Red Cross certification is available for swimmer, advanced swimmer, and lifesaving. One semester hour.

206. *Water Safety Instructor Course*--American Red Cross certification available for Instructor of Beginning Swimming and for Water Safety Instructor. Prerequisite: American Red Cross certification in lifesaving. One semester hour.

207. *Conditioning Exercises and Weight Training*--A study of theory and practice in conditioning exercises suitable for men and women. Consideration is given to weight training for good body contour, strength, and endurance as desired by the individual. One semester hour.

208. Folk Dance and Rhythmical Activities--A study of rhythmical exercises, elementary steps, and folk dances of various countries. One semester hour.

209. Motor Learning--A study of basic skills, knowledge, and psychology of movement education and the application of mechanical principles to skills and skill learning. The student selects an emphasis on either the elementary or secondary education level. Two semester hours.

211. Community Health--A study of the function and organization of Public Health with emphasis on work of various agencies and the individual's responsibility for community health. Various kinds of pollution, chronic diseases, drug abuse, and consumer health are studied. Three semester hours.

300. Teaching Secondary School Physical Education--A study of materials and methods, skills, and techniques in teaching secondary public school sports and physical education activities. Three semester hours.

301. Teaching Individual and Dual Sports--Emphasis on teaching knowledge, skills, and appreciation of lifetime sports. Two semester hours.

302. Coaching and Officiating Football, Basketball, Baseball, Volleyball, Track, and Soccer--A study of coaching techniques and strategies to prepare the student for coaching these sports at various levels. Knowledge and understanding of the officiating rules are included. Two credit hours of instruction and an optional one hour credit for a practicum with a Milligan athletic coach. Two or three semester hours.

303. Physical Education for Elementary Schools--A course designed to prepare the student to direct a full program of physical education activities for grades one through eight. Three semester hours.

311. Safety Education and First Aid--A course designed to include a wide range of safety programs. The first six weeks are devoted to first aid training including Cardio-Pulmonary-Resuscitation. Red Cross Certification is available (one hour). The remainder of the course includes safety programs for school, community, vocations, and leisure time. One to three semester hours.

312. Introduction and History and Philosophy of Physical Education--An introduction to the profession. Consideration is given to the pioneers in the field, to its historical development, and to the principles and philosophy which led to the modern program. Three semester hours.

403. Measurement and Evaluation in Physical Education--An analysis of current testing programs. Skill tests, physical fitness tests, and motor fitness tests are included. Two semester hours.

404. Organization and Administration of Health and Physical Education--A study of school problems, including curriculum development, program organization and supervision, and intramural and inter-school athletics. Three semester hours.

406. *Adaptive Physical Education*--A study of programs and services for the atypical student at all grade levels. Two semester hours.

409. *Recreational Leadership and Outdoor Education*--A study of recreation program including personnel, areas and facilities, and current practices in camp leadership and administration. The study includes such outdoor activities as camping, hiking, mountain climbing, and boating. Limited practical application. Three semester hours.

411. *Health Education*--A survey of the principles and practices of health education. Emphasis is placed on methods and techniques for teaching. Three broad areas are included: health instruction, school health services, and healthful school living. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

491. *Field Work*--A practicum experience that will involve the student in a position of supervising/teaching/leading individuals in experiences profitable for both the student and the cooperating agency. Prerequisite: Consent of the instructor and the cooperating agency. One to six semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN ACCOUNTING

This listing includes all college requirements for graduation and completion of an Accounting major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE	Activity	1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 250	General Psychology	3
		Total 15			Total 17
<u>Sophomore</u>					
ACCT 211	Intro. Accounting	3	ACCT 212	Intro. Accounting	3
ECON 201	Prin. of Economics	3	ECON 202	Prin. of Economics	3
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Math elective		3	Minor		3
		Total 15			Total 15
<u>Junior</u>					
ACCT 301	Intermediate Accounting	3	ACCT 302	Intermediate Accounting	3
ACCT 311	Cost Accounting	3	ACCT 312	Auditing	3
Minor		6	COMM 102	Oral Presentation	3
Electives		6	Minor		6
		Total 18	Elective		3
					Total 18
<u>Senior</u>					
ACCT 415	Advanced Accounting*	3	ECON 301	Corporate Finance	3
Accounting elective		3	Accounting elective		3
BIBL 471	Christ and Culture	3	Minor		3
Minor		3	Electives		7
Elective		3			Total 16
		Total 15			

Students may choose between Accounting 411 and 415 for a required elective in the major.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN BUSINESS ADMINISTRATION

This listing includes all college requirements for graduation and completion of a major in Business Administration. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 250	General Psychology	3
		Total 15			Total 17
 <u>Sophomore</u>					
ACCT 211	Introductory Accounting	3	ACCT 212	Introductory Accounting	3
ECON 201	Principles of Economics	3	ECON 202	Principles of Economics	3
HUMN 201	Humanities	6	HUMN 202	Humanities	6
CPTR 275 or 280		3	COMM 102	Oral Presentation	3
Elective		3	Elective		3
		Total 18			Total 18
 <u>Junior</u>					
BADM 315	Principles of Marketing	3	Emphasis elective		3
BADM 361	Principles of Management	3	MATH 213	Statistics	3
Minor		6	Minor		6
Elective		3	Elective		3
		Total 15			Total 15
 <u>Senior</u>					
Emphasis elective		3	ECON 301	Corporate Finance	3
BIBL 471	Christ and Culture	3	Emphasis elective		3
Minor		6	Minor		3
Elective		3	Electives		6
		Total 15			Total 15

SUGGESTED COURSE SEQUENCE FOR MAJORS IN COMPUTER SCIENCE

This listing includes all college requirements for graduation and completion of a major in Computer Science. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	Psychology elective		3
H&PE 101	Fitness for Life	1	H&PE activity		1
Elective		3	Minor		3
Total 14			Total 16		

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
CPTR 211	Programming	13	CPTR 212	Advanced Prog./Data Str.	3
ECON 201	Principles of Economics	3	ECON 202	Principles of Economics	3
Laboratory science		4	Laboratory science		4
Total 16			Total 16		

Junior

CPTR 341	Systems Analysis & Design	3	CPTR 343	System Documentation	3
CPTR 316	Computer Architecture	3	MATH 213	Statistics	3
COMM 102	Oral Presentation	3	CPTR 317	Assembly Language	3
Minor		6	Minor		6
Elective		3	Elective		3
Total 18			Total 18		

Senior

CPTR 431	Operating Systems	3	CPTR 411	Database Management	3
BIBL 471	Christ and Culture	3	BADM 421	Business Ethics	3
Minor		6	Computer elective		3
Electives		6	Minor		3
Total 18			Elective		3
			Total 15		

SUGGESTED COURSE SEQUENCE FOR MAJORS IN LEGAL ASSISTANT

This listing includes all college requirements for graduation and completion of a Legal Assistant major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 250	General Psychology	3
		Total 15			Total 17
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
L A 110	Intro. to Legal Asst. Field	2	L A 310	Litigation	3
SOCL 201	Introduction to Sociology	3	COMM 102	Oral Presentation	3
Math elective		3	Social learning elective		3
CPTR 275 or 280		3	Elective		3
		Total 17			Total 18
<u>Junior</u>					
L A 210	Legal Research and Writing	3	PSYC 357	Theory & Pract. of Counsel.	3
Legal technical course		3	Legal technical courses		6
Law-related course		3	Minor		6
Minor or electives		6			Total 15
		Total 15			
<u>Senior</u>					
Legal technical course		3	BIBL 471	Christ and Culture	3
Law-related course		3	L A 491	Field Work	6
Minor or electives		9	Minor or electives		6
		Total 15			Total 15

SUGGESTED COURSE SEQUENCE FOR MAJORS IN EARLY CHILDHOOD EDUCATION

This listing includes all college requirements for graduation and completion of a major in Early Childhood Education. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	EDUC 232	Early Intervention	2
H&PE 101	Fitness for Life	1	SOCL 201	Introduction to Sociology	3
BIOL 110	General Biology	4	PHYS 104	Earth & Space Science	4
EDUC 153	Introduction to Teaching	2			
					Total 18
		Total 17			

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
MATH 103	Fundamental Concepts	4	MATH 104	Fundamental Concepts	4
PSYC 252	Developmental Psychology	3	ART 311	Art for Elementary Teachers	1
GEOG 201 or 202		3	EDUC 341	Early Childhood Education	3
H&PE activity		1	PSYC 253	Child Psychology	3
		Total 17			Total 17

Junior

EDUC 315	Literacy Development	3	BIOL 350	Science for Elementary	4
EDUC 316	Diag. & Remed. in Reading	3	EDUC 342	Guiding Young Children	3
ENGL 354	Children's Literature	3	EDUC 345	Early Childhood Admin.	3
HIST 309	American History	3	H&PE 303	P.E. for Elem. Schools	3
SOCL 303	Family	3	H&PE 411	Health Education	3
COMM 102	Oral Presentation	3	MUSC 351	Music in Elem. Schools	3
		Total 18			Total 19

Senior

BIBL 471	Christ and Culture	3	EDUC 451	Seminar	3
EDUC 102	Computers in Teaching	1	EDUC 452	Student Teaching	12
EDUC 441	Program Planning	3			Total 15
PSYC 259	Experimental Psychology	3			
PSYC 353	Person., Mot., Dev., Assm.	3			
PSYC 357	Theory & Pract. of Counsel.	3			
		Total 16			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN ELEMENTARY EDUCATION (Grades 1-8)

This listing includes all college requirements for graduation and completion of a major in Elementary Education. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	
HUMN 101	Humanities	6	HUMN 102	Humanities	
PSYC 100	Intro. to Coll. & Careers	1	EDUC 153	Introduction to Teaching	
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	
BIOL 110	General Biology	4	PSYC 252	Developmental Psychology	
H&PE 111	Personal Health	3			Total 1
	Total 18				

<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	
GEOG 201	or 202	3	MATH 104	Fundamental Concepts	
HIST 309	American History	3	HIST 310	American History	
MATH 103	Fundamental Concepts	4	H&PE activity		
	Total 16		SOCL 201	Introduction to Sociology	
					Total 1

<u>Junior</u>					
EDUC 315	Literacy Development	3	ART 311	Art for Elementary Schools	
EDUC 316	Diag. & Remed. in Reading	3	BIOL 350	Science for Elementary	
ENGL 354	Children's Literature	3	EDUC 407	Middle Grades Foundations	
Concentration		9	H&PE 303	P.E. for Elem. Schools	
	Total 18		MUSC 351	Music in Elem. Schools	
			Concentration		Total 1

<u>Senior</u>					
BIBL 471	Christ and Culture	3	EDUC 451	Seminar	
EDUC 102	Computers in Teaching	1	EDUC 452	Student Teaching	1
COMM 102	Oral Presentation	3			Total 1
Concentration		9			
	Total 16				

SUGGESTED COURSE SEQUENCE FOR MAJORS IN ELEMENTARY EDUCATION (with Special Education)

This listing includes all college requirements for graduation and completion of majors in Elementary Education and Special Education. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	EDUC 153	Introduction to Teaching	2
H&PE 101	Fitness for Life	1	H&PE activity		1
BIOL 110	General Biology	4	PHYS 104	Earth & Space Science	4
EDUC 231	Psyc. & Ed. of Excpt. Child.	2	PSYC 252	Developmental Psychology	3
		Total 17			Total 19

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
GEOG 201 or 202		3	MATH 104	Fundamental Concepts	4
HIST 309	American History	3	HIST 310	American History	3
MATH 103	Fundamental Concepts	4	H&PE 406	Adaptive Phys. Ed.	2
SOCL 201	Introduction to Sociology	3	SOCL 210	Cultural Anthropology	3
		Total 19			Total 18

Junior

EDUC 315	Literacy Development	3	ART 311	Art for Elementary Schools	1
EDUC 316	Diag. & Remed. in Reading	3	BIOL 350	Science for Elementary	4
ENGL 354	Children's Literature	3	EDUC 333	Ed. Proced. for Ex. Child.	3
EDUC 332	Learn. Prob. of Excpt. Child.	3	EDUC 338	Multi.-Handicapped Child	3
EDUC 337	Mentally Retarded Child	3	H&PE 303	P.E. for Elem. Schools	3
COMM 102	Oral Presentation	3	MUSC 351	Music in Elem. Schools	3
		Total 18	PSYC 454	Intro. to Psycho. Testing	3
					Total 20

Senior

BIBL 471	Christ and Culture	3	EDUC 451	Seminar	3
EDUC 102	Computers in Teaching	1	EDUC 452	Student Teaching	12
EDUC 334	Special Educ. Practicum	3			Total 15
EDUC 407	Middle Grades Foundations	3			
H&PE 111	Personal Health	3			
PSYC 357	Theory & Pract. of Counsel.	3			
SOCL 303	Family	3			
		Total 19			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN SPECIAL EDUCATION

This listing includes all college requirements for graduation and completion of a major in Special Education. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	EDUC 153	Introduction to Teaching	2
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 252	Developmental Psychology	3
EDUC 231	Psyc. & Ed. of Excpt. Child.	2			Total 18
	Total 17				
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
MATH 103	Fundamental Concepts	4	MATH 213	Statistics	3
PSYC 250	General Psychology	3	EDUC 232	Early Intervention	2
SOCL 201	Introduction to Sociology	3	H&PE activity		1
Minor		3	PSYC 259	Experimental Psychology	3
	Total 19		SOCL 303	Family	3
					Total 18
<u>Junior</u>					
EDUC 315	Literacy Development	3	EDUC 333	Ed. Proced. for Ex. Child.	3
EDUC 316	Diag. & Remed. in Reading	3	EDUC 338	Multi. Handicapped Child	3
EDUC 332	Learn. Prob. of Excpt. Child.	3	H&PE 406	Adaptive Phys. Ed.	2
EDUC 337	Mentally Retarded Child	3	PSYC 353	Person., Mot., Dev., Assm.	3
COMM 102	Oral Presentation	3	PSYC 357	Theory & Pract. of Counsel.	3
Minor		3	PSYC 454	Intro. to Psycho. Testing	3
	Total 18				Total 17
<u>Senior</u>					
BIBL 471	Christ and Culture	3	EDUC 451	Seminar	3
EDUC 102	Computers in Teaching	1	EDUC 452	Student Teaching	12
PSYC 358	Abnormal Psychology	3			Total 15
Minor		9			
	Total 16				

SUGGESTED COURSE SEQUENCE FOR SECONDARY EDUCATION

This listing includes all college requirements for graduation and completion of course work leading to licensure in Secondary Education. Major and minor courses of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE 101	Fitness for Life	1
BIOL 110	General Biology	4	PHYS 104	Earth & Space Science	4
Foreign language		3	Foreign language		3
Total 17			Total 17		

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
EDUC 153	Introduction to Teaching	2	COMM 102	Oral Presentation	3
H&PE activity		1	EDUC 102	Computers in Teaching	1
SOCL 201	Introduction to Sociology	3	PSYC 252	Developmental Psychology	3
Major		3	Foreign language		3
Foreign language		3	Major		3
Total 18			Total 19		

Junior

EDUC 408	Secondary School Found.	3	EDUC 471	Mat. & Meth. (spec. area)	3
MATH elective		3	Major		9
Major		6	Minor		6
Minor		3	Total 18		
Total 15					

Senior

BIBL 471	Christ and Culture	3	EDUC 451	Seminar	3
Major		9	EDUC 452	Student Teaching	12
Minor		6	Total 15		
Total 18					

**COURSE SEQUENCE FOR
MASTER OF EDUCATION (Elementary Education)**

First Summer

EDUC 511	Study of Research Methodology	3
EDUC 520	Classroom Management & Instruction	3
EDUC 523	Models of Teaching	3
EDUC 563	Advanced Educational Psychology	3

Fall Semester

EDUC 530	Survey of Special Education	3
EDUC 541	Fine Arts Methods	3
EDUC 551	Internship	6

Spring Semester

EDUC 542	Health and Physical Ed. Methods	3
EDUC 552	Internship	6

Second Summer

EDUC 512	Research Seminar	3
EDUC 561	Seminar in Foundations	3
EDUC 562	School Organization and Law	3
EDUC	Elective	3

COURSE SEQUENCE FOR MASTER OF EDUCATION (Secondary Education)

First Summer

EDUC 511	Study of Research Methodology	3
EDUC 522	Classroom Management and Instruction	3
EDUC 523	Models of Teaching	3
EDUC 563	Advanced Educational Psychology	3

Fall Semester

EDUC 530	Survey of Special Education	3
EDUC 527	Teaching Reading in Content Areas	3
EDUC 551	Internship	6

Spring Semester

EDUC 524	Teaching Strategies in Specific Areas	3
EDUC 552	Internship	6

Second Summer

EDUC 512	Research Seminar	3
EDUC 561	Seminar in Foundations	3
EDUC 562	School Organization and Law	3
EDUC	Elective	3

**COURSE SEQUENCE FOR
MASTER OF EDUCATION (Licensed Teacher Curriculum)**

First Summer

EDUC 511	Study of Research Methodology	3
EDUC 520 or 522	Classroom Management and Instruction	3
EDUC 523	Models of Teaching	3
EDUC 563	Advanced Educational Psychology	3

Fall Semester

EDUC 524	Teaching Strategies in Specific Areas	3
EDUC 532	Counseling of Children and Families	3

Spring Semester

EDUC 526	Mentorship	3
EDUC 531	Analyzing Community Culture	3

Second Summer

EDUC 512	Research Seminar	3
EDUC 561	Seminar in Foundations	3
EDUC 562	School Organization and Law	3
EDUC	Elective	3

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HEALTH AND PHYSICAL EDUCATION

This listing includes all college requirements for graduation and completion of a Health and Physical Education major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE 101	Fitness for Life	1
H&PE 111	Personal Health	3	H&PE	Activity	1
BIOL 110	General Biology	4	EDUC 102	Cptrs. in Teaching	1
			EDUC 153	Intro. to Teaching	2
			MATH 107 or 213		3
		Total 17			Total 17

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
BIOL 250	Anat., Phys., Kinesiology	4	BIOL 251	Anat., Phys., Kines.	4
EDUC 407	Secondary Foundations	3	H&PE 208	Folk Dance	1
H&PE 204, 205, or 206	Swimming	1	H&PE 211	Community Health	3
Minor		3	H&PE 303	P.E. for Ele. Schools	3
		Total 17			Total 17

Junior

H&PE 209	Motor Learning	2	H&PE 403	Meas. & Eval. in P.E.	2
H&PE 300	Teaching Sec. Phys. Ed.	3	H&PE 404	Org. & Adm. of P.E.	3
H&PE 301	Teach. Ind. & Dual Sports	2	H&PE 406	Adaptive Phys. Ed.	2
H&PE 311	Safety Ed. & First Aid	3	H&PE 411	Health Education	3
SOCL 303 or PSYC 353 or PSYC 358		3	PSYC 252	Developmental Psychology	3
Minor		3	Minor		3
		Total 16			Total 16

Senior

BIBL 471	Christ and Culture	3	EDUC 451	Seminar	3
COMM 102	Oral Presentation	3	EDUC 452	Student Teaching	12
H&PE 213	Hist. & Phil. of P.E.	3			Total 15
Minor		9			
		Total 18			



AREA OF SCIENTIFIC LEARNING

Dr. Richard D. Lura, Chairman



BIOLOGY

The biological studies seek to acquaint the student with the basic phenomena pertinent to an understanding of the living world. The relationships of chemistry and physics to living activity and survival are stressed, and the students are made aware of their role in the environment. Attention is given to the student who is interested in a general grasp of the field, as well as those who are directing their activity to medicine, dentistry, or some specific area of the biological discipline. Students interested in a biology degree should see a member of the biology faculty early in their program.

The Bachelor of Arts degree in biology is designed for those students interested in biology, but desiring to elect a minor that is not in the sciences. The requirements for the Bachelor of Arts degree in biology consist of twenty-four hours of biology courses which must include Biology 110, 120, 140, 210, 250, and 251; twelve hours of chemistry, including Chemistry 151; and four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213. Students selecting this major must also complete an academic minor.

The Bachelor of Science degree should be chosen by students who plan to pursue graduate study in biology, enter a medical field of study, or certify to teach secondary school biology.

Requirements for the Bachelor of Science degree leading to graduate study or pre-professional careers are thirty-two hours in biology which must include Biology 110, 120, 140, 210, and 240; a minor in chemistry, including Chemistry 301, 302, and 310; four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213; and Physics 203 and 204.

Requirements for the Bachelor of Science degree with secondary education certification are thirty-two hours in biology which must include Biology 110, 120, 140, 210, 250, 251, and two electives from Biology 360, 380, and 410; a minor in physical science which includes Chemistry 151, 170, 171; Physics 104 and 203; and four hours credit in Mathematics 211, or six hours credit in Mathematics 111 and 112, or six hours credit in Mathematics 111 and 213.

A special concentration in science is available only to those who are also majoring in elementary education. In addition to the science required of all students and the elemen-

tary education major, the concentration consists of Biology 360 and twelve hours from the sub-areas of Biology and Chemistry-Physics. Biology electives are 120, 140, 210, 250, 251, and 362. The Chemistry-Physics electives are Chemistry 150, 151, 170, 171, and Physics 203 and 204. Both sub-areas must be represented in the electives.

After evaluation of the student's curriculum, the biology faculty may require additional courses in order to assure that the student will be adequately prepared to enter a chosen field of study.

A biology minor must include Biology 110, 120, 140, and two elective four-hour courses. No more than four hours credit in either Biology 215, 290, or 490 or a combined total of six hours in the three courses may be applied toward the requirements for a major in biology. Credit in 215, 290, or 490 may not be applied toward a minor in biology.

The secondary biology teacher licensure program includes Biology 110, 120, 140, 210, 250, 251, and two courses chosen from Biology 360, 380, or 410.

110. General Biology--An introductory course which examines fundamental biological concepts of plants and animals with particular relevance to man's place in the living world. Four semester hours.

120. Botany--An intensive survey of plants, algae, and fungi. Prerequisite: Biology 110. Four semester hours.

140. Zoology--An intensive survey of the Animal Kingdom. Prerequisite: Biology 110. Four semester hours.

210. Genetics--A study of fundamental principles of heredity with related statistics and probability. Prerequisite: Eight hours of biology. Four semester hours.

215. Field Studies in Biology--An analysis of selected biological problems and/or in-depth study of unique ecosystems. Subject content will vary according to selected topics. The course is conducted at an off-campus location, and additional expenses may be incurred by the student for travel. **A student may not accumulate more than four hours credit in this course.** This course should not be used to satisfy college degree requirements in science except by permission of the area chairman. Prerequisite: Biology 110 or consent of instructors. One to four semester hours.

240. Comparative Vertebrate Anatomy--A comparative study of the embryologic and phylogenetic development of the principal systems of selected classes of vertebrates. Prerequisite: Biology 140 or consent of the instructor. Four semester hours.

250-251. Anatomy, Physiology, and Kinesiology--A study of the structure and function of the organ systems of mammals with special reference to human anatomy and physiology. The course is designed for those seeking a Bachelor of Arts degree in biology and for those pursuing nursing, physical therapy, or physical education careers. It is not acceptable for credit toward the Bachelor of Science degree which leads to the pre-professional

or graduate major in biology. Prerequisite: Biology 110 or consent of the instructor. Four semester hours each semester.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

340. Animal Physiology—A study of the function and structure of the organ system of vertebrates in general, but with emphasis on mammals. Prerequisite: Chemistry 310. Four semester hours.

341. Animal Histology—A study of microscopic structure of the various types of tissues found in vertebrates. Prerequisite: Eight hours of biology and eight hours of chemistry. Four semester hours.

342. Vertebrate Embryology—A study of the general principles of vertebrate development from the formation of gametes to the formation of tissues and organs. Prerequisite: Biology 240 or permission of the instructor. Four semester hours.

350. Science for the Elementary School—An emphasis on the coordination of science content and teaching techniques for the elementary school teacher. Prerequisite: Biology 110 and Physics 104 or the equivalent. Four semester hours.

360. Ecology—A study of the relation between organisms and their environment, factors affecting plant and animal structures, behavior and distribution, energy and material cycles, and populations. Prerequisite: one semester of biology. Four semester hours.

362. Vertebrate Field Biology—A survey of the native vertebrate animals with emphasis on collection, preservation, identification, and taxonomic relationships. Prerequisite: one semester of biology. Four semester hours.

380. Microbiology and Immunology—A basic course in the study of microbiology including the preparation of media, sterilization, the isolation of micro-organisms and their identification, culture, and staining. Topics covered in immunology will include definitions and relationships of antigens and antibodies, host-antigen interaction, bursal and thymic influences on lymphoid cells, and humoral and cellular response mechanisms. Prerequisite: permission of the instructor. Four semester hours.

410. Biogeography—A study of the biological, geographical, climatological, and geological factors that affect the distribution of plants and animals. The course will attempt to explain how species came to be distributed as they are today and why the taxonomic composition of the biota varies from one region to another. Prerequisite: twelve hours of biology. Four semester hours.

440. Endocrinology—A study of the structure and function of the endocrine glands with emphasis on their control and integration of biological processes. Prerequisite: Biology 340. Offered on demand. Four semester hours.

450. Research Seminar--A seminar designed to introduce students to principles and methods used in scientific research. A research paper and seminar are required. Prerequisites: major or minor in biology and enrollment in the student's final spring semester. One semester hour.

490. Research Problem--Research on special problems in biology under direct supervision of a faculty member. Prerequisite: twenty-four hours of biology courses and consent of the biology faculty member to direct the research problem. One to four semester hours.

495. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to four semester hours.

CHEMISTRY

The chemistry curriculum is designed for the student planning a career in industry, research, engineering, teaching, or the biological sciences. It also contributes to the application of this science as it applies to daily life.

The Chemistry major leading to the Bachelor of Arts degree consists of twenty-four hours. Mathematics 111 and 112 are required.

The Chemistry major leading to the Bachelor of Science degree consists of thirty-six hours which include Chemistry 170, 171, 202, 203, 301, 302, 401, 402, and four hours of chemistry electives. Mathematics through Mathematics 303 and Physics 203 and 204 are also required.

The Chemistry minor consists of twenty hours including Chemistry 170, 171, 301, 302, and either 202 or 310.

The Physical Science minor consists of twenty hours of science, including Chemistry 151, 170, 171 and Physics 104 and 203.

The secondary chemistry teacher licensure program includes Chemistry 170, 171, 202, 203, 301, 302, 310, 311, 401, and 402.

150. Inorganic Chemistry for Non-Majors--A one semester survey of the principles of inorganic chemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.

151. Organic and Physiological Chemistry--A one semester survey of organic chemistry and elementary biochemistry. Not applicable toward a chemistry major or minor unless by consent of the Science Area Chairman. Four semester hours.

170-171. General Chemistry--A study of the principles of general chemistry including Qualitative Analysis. Prerequisite: algebra, high school chemistry or Chemistry 150, or consent of the instructor. Students wishing to take this course to fill the laboratory science

general education requirement must have the consent of the instructor. Three hours lecture, one hour of recitation, and one three-hour laboratory per week. Four semester hours each semester.

202. Quantitative Analysis—A course including representative types of gravimetric and volumetric analysis and a study of the techniques and fundamental principles of analytical chemistry and the stoichiometric problems. Four semester hours.

203. Instrumental Analysis—An introduction to the theory and application of electrometric, spectrometric, and chromatographic methods of analysis. Prerequisite: Chemistry 202 or consent of the instructor. Three hours lecture and one three-hour laboratory per week. Four semester hours.

290. Independent Study—Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301. Organic Chemistry—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aliphatic compounds. Prerequisite: Chemistry 171. Three hours lecture and one three-hour laboratory per week. Four semester hours.

302. Organic Chemistry—A study of the preparation, properties, structure, and reactions of organic compounds. Emphasis is on the aromatic compounds. Prerequisite: Chemistry 301. Three hours lecture and one three-hour laboratory per week. Four semester hours.

310. Biochemistry—A comprehensive study of the chemical process taking place in living cells with special emphasis on metabolism and related chemical principles. Prerequisite: Chemistry 302 or concurrent registration and at least eight hours of biology or the consent of the instructor. Four semester hours.

311. Organic Qualitative Analysis—A course in the standard methods of identification of organic compounds. Prerequisite: Chemistry 302 or concurrent enrollment. Four semester hours.

401-402. Physical Chemistry—The study of the states of matter, elementary thermodynamics, solutions, electromotive force, chemical and ionic equilibria colloids, and atomic and nuclear structure. Prerequisites: Chemistry 171, 202, and Physics 203-204. Four semester hours each semester.

405. Inorganic Chemistry—A systematic study of the elements including atomic structure, bonding, molecular structure, and the periodic table. The laboratory consists of selected inorganic preparations. Prerequisite: Chemistry 202. Four semester hours.

490. Research Problem—Research on special problems in chemistry under the direct supervision of an instructor. Prerequisite: Twenty hours of chemistry and consent of the faculty member to direct the research problem. One to four semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

MATHEMATICS

The aims of the mathematics program at Milligan College are to develop a systematic basis for logical reasoning, to promote an attitude of unprejudiced inquiry, to provide a general mathematical foundation for life's activities, to supply the working tools for other disciplines, and to promote a desire for further investigation and study. The major is designed for students interested in careers in mathematics, teaching, engineering, and computer science. It will prepare students for employment in government or industry, teaching high school, or for graduate study.

For a Bachelor of Arts in mathematics, the major consists of thirty semester hours, which must include Mathematics 211, 212, 303, and eighteen additional hours of math courses at the 200 level or above. Especially recommended are Mathematics 307, 309, and 314.

For a Bachelor of Science in mathematics, the major consists of thirty-six semester hours, which must include Mathematics 211, 212, 303, and twenty-four additional hours of math courses at the 200 level or above. Especially recommended are Mathematics 301, 307, 309, 314, 310, 351, and 408. In addition, competency in a structured computer language is required for students majoring in mathematics.

Students majoring in mathematics are strongly recommended to satisfy science requirements with physics.

A minor in mathematics requires twenty-four semester hours which must include Mathematics 211 and 212.

A special concentration in mathematics is available only to those who are also majoring in elementary education. In addition to the mathematics required in the elementary education major, the concentration includes Mathematics 111, 112, 211, 213, and 304 and Computer Science 104.

The secondary mathematics teacher licensure program includes Mathematics 211, 212, 213, 301, 303, 304, 307, 308, 309, 351, and 408.

090. *Developmental Mathematics*--A review of basic arithmetic and an introduction to beginning topics in algebra. This course attempts to build connections between arithmetic and algebra and to ease the transition to a class in College Algebra or other college level work. It also includes topics in beginning statistics and geometry. It is not applicable toward the 128 hours required for a degree. One semester hour.

103. *Fundamental Concepts*--A study of the real number system and its field properties as well as a study of elementary geometry. As tools for the development of topics, a study is also made of set theory and various numeration systems. Emphasis is placed on prob

lem solving, knowledge of the metric system, and creative use of the calculator in the classroom. Appropriate teaching strategies for each of the above will be introduced. This course is appropriate only for students majoring in elementary education. Four semester hours.

104. Fundamental Concepts--An introductory study of logic, probability, statistics, and elementary algebra, together with appropriate teaching strategies for each of these. This course is appropriate only for students majoring in elementary education. Four semester hours.

107. Principles of Mathematics--An introduction to a variety of mathematical fields including analysis, algebra, probability and statistics, logic, number theory, and topology, together with an analysis of some of the major contributions mathematics has made to civilization. Three semester hours.

111. College Algebra I--A study of algebraic methods; the natural numbers, the integers, the rationals, and the real numbers; algebraic expressions including polynomials, rational expressions, exponents and radicals, equations and inequalities; and function theory including domain, range, composition, inverses, and graphing techniques. Three semester hours.

112. College Algebra II and Trigonometry--A continuation of Math 111 including the study of exponential and logarithmic functions, vectors, and complex numbers. Also included are an in-depth presentation of trigonometric functions: their values, graphs, inverses, and identities; with application to triangles, circles, and some mechanics. Prerequisite: Math 111 or equivalent. Three semester hours.

211. Calculus I--A study of functions, limits, derivatives, and integrals including their definition, calculation, and application. Prerequisite: Math 112 or equivalent. Four semester hours.

212. Calculus II--A study of transcendental functions, their differentiation and integration, formal integration, the conics, Taylor's formula, and infinite series. Prerequisite: Math 211. Four semester hours.

213. Statistics (Business Administration/Social Studies)--A study of data analysis and statistical inference as well as various statistical methods. Primarily for users of statistics in business, social sciences, or liberal arts. Prerequisite: High school algebra or equivalent. Three semester hours.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

301. An Introduction to Mathematical Logic--A study of propositional logic in abstract mathematics and an introduction to the basic structures of modern mathematics including set theory, cardinality, induction, relations, and functions, with particular emphasis on the reading and writing of proofs. Prerequisite: Math 212 or consent of instructor. Three semester hours.

303. Multivariable Calculus--A study of three dimensional analytic geometry, curves, calculus of functions of several variables, line integrals, and differential equations. Prerequisite: Math 212. Four semester hours.

304. Modern Geometry--A study of axiomatics, logic, Euclidean and non-Euclidean geometries from a historical viewpoint. Euclidean incidence, betweenness, congruence, and separation are studied along with models for non-Euclidean geometries and their impact on mathematical thought. Recommended for prospective teachers of mathematics. Three semester hours.

307. Linear Algebra--A study of vector spaces, matrices and linear systems, determinants, inner products, and linear transformations. Prerequisite: Math 212. Three semester hours.

308. Modern Algebra--A study of algebraic structures such as rings, fields, groups, and integral domains. Recommended for math majors. Prerequisite: Math 301. Three semester hours.

309. Differential Equations--A study of the differential equations, their meaning, types of solutions, and uses. Recommended for math majors and minors interested in chemistry and applied math. Prerequisite: Math 303 and 307. Three semester hours.

310. Topology--A study of open sets, closed sets, functions, continuity, compactness, connectedness, product spaces, and homomorphism. Prerequisite: Math 301. Three semester hours.

314. Probability and Statistics I--A study of probability distributions and inferential as well as descriptive statistics. Topics such as frequency tables, measures of central tendency and dispersion, confidence intervals, and tests of hypothesis are included. Prerequisite: Math 303. Three semester hours.

315. Probability and Statistics II--A continuation of Math 314 which includes an introduction to decision theory, estimation, and hypothesis testing, as well as a discussion of ANOV, non-parametric methods, and other tests. In addition, the course will include an introduction to computer based statistical packages. Prerequisite: Math 314. Three semester hours.

351. Mathematical Modeling--A survey of the construction and development of mathematical models used in science and industry. The mathematics developed contributes to an understanding of the model as well as the associated scientific problem that is approximate. Prerequisites: Math 307 and 309. Three semester hours.

408. Numerical Analysis--A study which enables one to write mathematical processes such as integration, differentiation, matrix inversion, and estimation of roots, with arithmetic operations. Study includes orientation toward machine computation. Prerequisites: Math 307, 309, and a computer language. Three semester hours.

411. Introduction to Real Analysis--A study of the algebraic and topological properties of the real numbers, functions of a real variable, continuity, differentiation, convergency of sequences of functions, Lebesgue measure and integration, Riemann-Stieltjes integration, and general measures. Prerequisite: Math 310. Three semester hours.

490. Independent Study--Individual work in mathematics under the direct supervision of an instructor. Prerequisite: twenty-four hours of mathematics and consent of the instructor. One to three semester hours.

NURSING

The Bachelor of Science in Nursing program equips the student with both the liberal arts tradition of Milligan College and the clinical training necessary to sit for the state boards examination of a registered nurse.

The freshman and sophomore years are taken on the Milligan College campus and consist of most of the general education requirements and the prenursing technical courses. The junior and senior years mainly involve the clinical rotations at the sponsoring hospitals.

110. Dimensions of Professional Nursing--An examination of the multiple dimensions of professional nursing. Nursing theories and concepts, professional practice roles, and the processes and skills required in contemporary practice are presented from a holistic perspective. Two semester hours.

111. Nursing Arts and Intervention Lab I--A focus on the development of competencies in basic nursing arts and psychomotor skills required for instituting primary, secondary, and tertiary prevention nursing interventions. Two semester hours; four contact hours.

201. Nursing Systems and Process: LPN Transition Course--An overview of the concepts of holistic professional nursing and the nursing process. Previously learned technical nursing arts and skills are validated. Opportunities are provided to use the nursing process as a critical thinking and problem-solving tool for identifying and initiating primary, secondary, and tertiary nursing interventions. Four semester hours; six contact hours.

202. Health Assessment--An exploration of the knowledge, observational, interactional, and psychomotor skills required for assessing the health status and needs of clients of all ages. Opportunities to practice the assessment modalities of inspection, palpation, percussion, and auscultation will be used to conduct regional and comprehensive physical examinations within the clinical lab setting. Three semester hours; four contact hours.

210. Fundamentals of Nursing--An introduction to the fundamental concepts of holistic nursing and the nursing process. This process is presented as a critical thinking and problem-solving tool for identifying and initiating primary, secondary, and tertiary prevention nursing interventions. Two semester hours.

211. Fundamentals of Nursing Clinical Practicum--A focus on providing students the opportunity to begin using the nursing process as a critical thinking and problem-solving tool for providing holistic care to clients in a variety of settings. Emphasis is placed on identifying and initiating appropriate primary, secondary, and tertiary prevention nursing interventions. Two semester hours; four contact hours.

300. Nursing Pharmacology--An introduction to pharmacology and the pharmacokinetic and pharmacodynamic processes relevant to clinical nursing practice. Emphasis is placed on the study of prototypical drugs, their effects on human beings, and the implications for nursing practice. Three semester hours.

301. Professional Nursing Systems: RN Transition Course--An overview of the theories and concepts of holistic, professional nursing. The nursing process is discussed as a critical thinking and problem-solving tool. Opportunities are provided to utilize the nursing process in identifying and initiating primary, secondary, and tertiary nursing interventions. Four semester hours.

302. Primary Prevention and Health Promotion--An introduction to primary prevention and health promotion nursing interventions. Opportunities to implement these intervention strategies will be provided in a variety of community settings with special population groups. Three semester hours; four contact hours.

303. Nursing Interventions with Special Populations (Elderly)--A focus on normal aging and the commonly experienced psychosocial and physiological stressors of the elderly. Nursing interventions specific to these stressors are addressed. Two semester hours.

310. Client System Stressors and Reactions--Through the use of the nursing process, common actual or potential stressors that interfere with client health status are discussed. The nurse's role in promoting levels of wellness through primary, secondary, and tertiary prevention modes are identified. Three semester hours.

311. Client System Stressors Practicum--Students are provided opportunities within a variety of clinical settings to utilize the nursing process to implement primary, secondary and tertiary intervention modes in clients experiencing actual or potential stressors. Four semester hours; eight contact hours.

313. Nursing Interventions with Special Populations (Women's Health)--A focus on the pregnant woman, neonate, and family and the commonly experienced stressors of this population during the childbearing process is presented. Nursing interventions specific to these stressors are addressed. Two semester hours.

320. Complex Client System Stressors and Reactions--Complex actual or potential stressors that interfere with client health status are presented. Through the use of the nursing process, primary, secondary, and tertiary intervention modes are discussed. Three semester hours.

321. *Complex Client System Stressors Practicum*--Students are provided opportunities within a variety of clinical settings to utilize the nursing process to implement primary, secondary, and tertiary intervention modes with clients experiencing actual or potential complex stressors. Three semester hours; six contact hours.

322. *Health Promotion/Illness Prevention Practicum*--Opportunities to initiate primary care, health promotion, and illness prevention interventions with special population groups in the community are provided. Two semester hours.

323. *Nursing Interventions with Special Populations (Infants, Children, and Adolescents)*--A focus on the developmental, potential, and commonly experienced physiological and psychosocial stressors of infants, children, adolescents, and their families. Nursing interventions specific to these stressors are presented. Two semester hours.

350. *Introduction to Nursing Research*--A focus on developing an understanding and use of nursing research as a basis for professional nursing practice. Students are introduced to the steps of the research process and critique. Three semester hours.

390. *Independent Study*--Special topics and/or experiences not addressed within the curriculum and non-substitutable for required courses in the major but of special interest to the student. Course work is to be accomplished independently under a pre-approved contract with a designated faculty member. One to three semester hours.

PHYSICS

103. *Physical Science*--A study of basic concepts in physics, astronomy, and chemistry. A working knowledge of algebra is recommended. This course is recommended for students with limited high school science and mathematics background; it may not be used to satisfy the College's science requirement if PHYS 104 has been completed. Four semester hours.

104. *Earth and Space Science*--A study of the structure and mechanical principles of the universe. Recommended for students with backgrounds in high school algebra and science. Not applicable toward a science major except for elementary education majors. Four semester hours.

203-204. *General Physics/Calculus*--A study of the fundamental principles of mechanics and thermodynamics in the first semester and electricity and magnetism, wave motions, sound, light, and modern physics in the second semester. Prerequisite: Math 211 or consent of the instructor. Four semester hours each semester.

290. *Independent Study*--Individual study to enable the student to study material either not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN BIOLOGY (B.A. DEGREE)

This listing includes all college requirements for graduation and completion of a Biology major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
CHEM 170	General Chemistry	4	CHEM 171	General Chemistry	4
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	Math 112	Algebra II or	
MATH 111	Algebra I	3	Math 213	Statistics	3
	Total	17	H&PE 101	Fitness for Life	1
				Total	17
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
BIOL 110	General Biology	4	BIOL 140	Zoology	4
Foreign Language		3	Foreign Language		3
Minor		3	H&PE Activity		1
	Total	16	Minor		3
				Total	17
<u>Junior</u>					
BIOL 250	Anat., Phys., Kines.	4	BIOL 251	Anat., Phys., Kines.	4
CHEM 151	Organic Chemistry	4	BIOL 120	Botany	4
COMM 102	Oral Presentation	3	PSYC elective		3
Foreign Language		3	Foreign Language		3
Minor		3	Minor		3
	Total	17		Total	17
<u>Senior</u>					
BIBL 471	Christ and Culture	3	BIOL 210	Genetics	4
Social learning elective		3	Social learning elective		3
Minor		3	Minor		3
Elective		6	Elective		3
	Total	15		Total	13

SUGGESTED COURSE SEQUENCE FOR MAJORS IN BIOLOGY (B.S. DEGREE)

This listing includes all college requirements for graduation and completion of a major in Biology with a minor in Chemistry. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
CHEM 170	General Chemistry	4	CHEM 171	General Chemistry	4
PSYC 100	Intro. to Coll. & Careers	1	MATH 112	Trigonometry <u>or</u>	
MATH 111	Algebra I	3	MATH 213	Statistics	3
		Total 17	H&PE activity		1
				Total 17	

<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
CHEM 301	Organic Chemistry	4	CHEM 302	Organic Chemistry	4
MATH 211	Calculus I (optional)	4	BIOL 140	Zoology	4
BIOL 110	General Biology	4	H&PE 101	Fitness for Life	1
		Total 18			Total 15

<u>Junior</u>					
BIOL 240	Comparative Anatomy	4	BIOL 210	Genetics	4
CHEM 310	Biochemistry	4	BIOL 120	Botany	4
PHYS 203	General Physics	4	PHYS 204	General Physics	4
Social learning elective		3	Social learning electives		3
		Total 15			Total 15

<u>Senior</u>			
Biology electives	8	BIBL 471 Christ and Culture	3
General electives	6	COMM 102 Oral Presentation	3
Psychology elective	3	Biology elective	4
	Total 17	General electives	6
		Total 16	

SUGGESTED COURSE SEQUENCE FOR MAJORS IN BIOLOGY (B.S. DEGREE)

(with Secondary Education Teacher Licensure)

This curriculum is approved by the National Science Teachers Association (NTSA).

This listing includes all college requirements for graduation and completion of a major in Biology with a minor in Physical Science. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
CHEM 170	General Chemistry	4	CHEM 171	General Chemistry	4
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	Social learning elective		1
Social learning elective		3			Total 18
	Total	18			
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
BIOL 110	General Biology	4	BIOL 140	Zoology	4
EDUC 153	Intro. to Teaching	2	CHEM 151	Org. & Phys. Chemistry	4
PHYS 104	Earth & Space Science	4	COMM 102	Oral Presentation	1
	Total	16			Total 18
<u>Junior</u>					
BIOL 250	Anat., Phys., Kines.	4	BIOL 251	Anat., Phys., Kines.	4
BIOL 360	Ecology*	4	BIOL 210	Genetics	4
MATH 211	Calculus**	4	PSYC 252	Developmental Psychology	3
Electives		6	BIOL 120	Botany	4
	Total	18	EDUC 408	Secondary School Foundations	1
					Total 18
<u>Senior</u>					
PHYS 203	General Physics	4	EDUC 451	Seminar	1
BIOL 380	Microbiology & Immunology*	4	EDUC 452	Student Teaching Practicum	1
BIOL 410	Biogeography*	4			Total 18
BIBL 471	Christ and Culture	3			
EDUC 471	Materials & Methods	3			
	Total	18			

*Student selects two of these three courses.

**Requirements in mathematics may be satisfied as shown or the student may take MATH 111 and 112 or 111 and 213.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN CHEMISTRY

This listing includes all college requirements for graduation and completion of a major in Chemistry. The Chemistry major requires mathematics through Multivariable Calculus (MATH 303). A minor course of study must be selected. (Many chemistry majors choose math as a minor due to the required three semesters of calculus.) The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	CHEM 171	General Chemistry	4
CHEM 170	General Chemistry	4	MATH 112 or 212	Trig./Calculus II	3 or 4
MATH 111	or 211 Algebra		H&PE 101	Fitness for Life	1
	or Calculus I	3 or 4			
		Total 17 or 18			Total 17 or 18

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
CHEM 301	Organic Chemistry	4	CHEM 302	Organic Chemistry	4
MATH 211	Calculus II	4	COMM 102	Oral Presentation	3
Elective		3	Elective		3
		Total 17			Total 16

Junior

PHYS 203	General Physics	4	PHYS 204	General Physics	4
CHEM 202	Quantitative Analysis	4	CHEM 203	Instrumental Analysis	4
Electives		9	Electives		9
		Total 17			Total 17

Senior

CHEM 401	Physical Chemistry	4	CHEM 402	Physical Chemistry	4
Chemistry elective		4	BIBL 471	Christ and Culture	3
Electives		9	Electives		9
		Total 17			Total 16

SUGGESTED COURSE SEQUENCE FOR MAJORS IN MATHEMATICS

This listing includes all college requirements for graduation and completion of a Mathematics major. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE 101	Fitness for Life	1
MATH 211	Calculus I	4	MATH 212	Calculus II	4
Computer elective		3	COMM 102	Oral Presentation	3
		Total 17			Total 17

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
MATH 303	Multivariable Calculus	4	H&PE activity		1
COMM 102	Oral Presentation	3	MATH 301	Intro. to Math. Logic	3
MATH 307	Linear Algebra	3	MATH 309	Differential Equations	3
		Total 16	Psychology elective		3
					Total 16

Junior

PHYS 203	General Physics	4	PHYS 204	General Physics	4
MATH 314	Probability & Stat. I	3	MATH 315	Prob. & Stat. II	3
ECON 201	Principles of Economics	3	ECON 202	Principles of Economics	3
Minor		6	Minor		6
		Total 16			Total 16

Senior

BIBL 471	Christ and Culture	3	MATH 308	Modern Algebra	3
MATH 351	Mathematical Modeling	3	Elective		3
MATH 408	Numerical Analysis	3	Minor		3
Minor		6			Total 15
		Total 15			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN NURSING

This listing includes all college requirements for graduation and completion of a Nursing major. A minor course of study is not required for majors in this program. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123 Old Testament Survey	3	BIBL 124 New Testament Survey	3
HUMN 101 Humanities	6	HUMN 102 Humanities	6
PSYC 100 Intro. to Coll. & Careers	1	PSYC 252 Developmental Psychology	3
CPTR 100 Intro. to the Computer	1	NURS 111 Nurs. Arts. & Inter. Lab I	2
CHEM 150 Inorganic Chemistry	4	CHEM 151 Organic Chemistry	4
NURS 110 Dimensions of Prof. Nursing	2		Total 18
	Total 17		

Sophomore

HUMN 201 Humanities	6	HUMN 202 Humanities	6
H&PE 101 Fitness for Life	1	H&PE activity	1
COMM 102 Oral Presentation	3	NURS 202 Health Assessment	3
BIOL 250 Anat., Physiology, & Kines.	4	NURS 210, 211 Fund. of Nurs. & Pract.	4
BIOL 380 Microbiology & Immunology	4	BIOL 251 Anat., Phys., & Kines.	4
	Total 18		Total 18

Junior

MATH 213 Statistics	3	Social learning elective	3
NURS 300 Nursing Pharmacology	3	NURS 313 Nurs. Interven. w/ Spec. Popul.	2
NURS 302 Primary Prevent. & Health Pro.	3	NURS 322 Health Pro/Illness Prevent.	2
NURS 303 Nursing Interventions	2	NURS 323 Nurs. Interven. w/ Spec. Popul.	2
NURS 310 Client Sys. Stres. & React.	3	NURS 320,321 Complex Client System	6
NURS 311 Client System Stres. Practicum	4	NURS 350 Intro. to Nursing Research	3
	Total 18		Total 18

Senior

Social learning elective	3	BIBL 471 Christ and Culture	3
NURS 402	2	NURS 420-421	6
NURS 403	2	NURS 422	4
NURS 410, 411	6	NURS 424	2
NURS 413	2	Nursing elective*	3
Nursing elective*	3		Total 18
	Total 18		

Electives are not required to meet graduation requirements for the major.

Area of Social Learning



Dr. Bertram S. Allen, Chairman

The Social Learning program of Milligan College is designed to provide students a broad and appreciative understanding of people in their social relationships. The approach is both humane and scientific. The purpose of the discipline is to develop students' comprehension of contemporary problems and to motivate them to seek solutions in terms of Christian ethics.

A special concentration in social studies is available only to those who are also majoring in elementary education. In addition to the social studies required of all students and those included in the elementary education major, the concentration includes Sociology 210, 303, and twelve hours of electives chosen from sociology, psychology, economics, geography, history, or political science, with no more than six hours of the electives in the concentration from one field. The student obtaining licensure in special education may include History 309-310 as a part of these fifteen hours.

ECONOMICS

For course descriptions in Economics see the Area of Professional Learning.

GEOGRAPHY

201. World Geography: The Developed World--A regional survey of the world followed by an in-depth study of North America, Europe, Russia, Japan, and Oceania. Topics include aspects of political economic, physical, and cultural geography. Three semester hours.

202. World Geography: The Developing World--A regional survey of the world followed by an in-depth study of Latin America, Africa, Middle East, and South/East Asia. Topics include aspects of political, economic, physical, and cultural geography. Three semester hours.

HEALTH CARE ADMINISTRATION

The Health Care Administration major is an interdisciplinary program consisting primarily of courses in sociology, psychology, and business administration. The major is intended to prepare the student for a career in social gerontology and the administration of nursing homes and retirement centers for the aging, as well as work with hospitals and other health care agencies.

The course work may concentrate in the social sciences, with less interest in business administration, or the emphasis may be in the area of business with fewer courses in the social sciences. Those completing the major must demonstrate computer competency. Students in this major must have a minimum grade point average of 2.5 by the beginning of their junior year to remain in the program. A field work internship with a health care facility is required.

A student completing this program will be permitted to sit for the state licensing examination for Health Care Administrator in Tennessee. Upon passing the Tennessee examination, reciprocity may be available permitting licensing without re-examination in other states.

There is no minor in Health Care Administration, and no minor is required for majors in this program.

Option 1--Emphasis on Psychology and Sociology

Soc.	201	Introduction to Sociology	3
	303	Family	3
	321	Sociology of Death and Dying	3
	380	Principles of Social Work <u>or</u>	
	381	Social Welfare Policies and Services	3
	413	Seminar in Aging and Retirement	3
	426	Sociology of Small Groups	3
	491	Field Work	6
Psy.	250	General Psychology	3
	353	Personality Theory	3
	357	Counseling	3
	358	Abnormal Psychology	3
			36 semester hours
Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
B.Adm.	361	Principles of Management	3
One of the following courses must be completed.			
B.Adm.	315	Marketing	3
	362	Personnel Management	3
	363	Industrial and Public Relations	3
	421	Business Ethics	3
			18 semester hours

Option 2--Emphasis on Business Administration

Econ.	201-202	Principles of Economics	6
Acc.	211-212	Accounting	6
Econ.	301	Corporate Finance	3
	311	Industrial and Public Relations	3
B.Adm.	315	Marketing	3
	361	Principles of Management	3
	362	Personnel Management	3
	421	Business Ethics	3
	491	Field Work	6
			36 semester hours
Soc.	201	Introduction to Sociology	3
	321	Sociology of Death and Dying	3
	380	Principles of Social Work <u>or</u>	
	381	Social Welfare Policies and Services	3
	413	Seminar in Aging and Retirement	3
Psy.	250	General Psychology	3
	357	Counseling	3
			18 semester hours

HISTORY

An adequate understanding of the present and an intelligent shaping of the future depend upon the knowledge of history. It is, therefore, in keeping with the mission of Milligan College that a sound program of historical study be offered. The major in history consists of thirty hours, six of which will normally be included in the two year Humanities sequence. A History major must include History 301, 309-310, three hours of United States history beyond 309-310, and at least one course in each of the following historical periods: the Ancient World (324, 341), Europe before 1648 (341, 306, 331, 361, 406) and Europe after 1648 (333, 335, 342, 357, 358, 361, 362, 406, 421, 431, 432). History majors will advance towards the Bachelor of Arts degree; this requires a foreign language with intermediate level competency. Bible majors may not use 341-342 or 431-432 to fulfill the history minor requirements.

The minor in history consists of eighteen hours, six of which are included in the two year Humanities sequence. History 301 and 309-310 are required.

The secondary history teaching licensure program must include Geography 201 and 202, Economics 201, 202, 403, and 406; History 301, 309, 310; six hours of world history from the humanities sequence; six hours of European history; and six hours to be chosen from History 376, 377, 379, or 380.

271. *History of Christian Missions*--See Christian Ministries 271.
290. *Independent Study*--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.
301. *History and Historians*--A study of the discipline of history and the role played by historians in recording, writing, and interpreting history. Prerequisite: Junior or senior standing, twelve hours of history, and consent of instructor. One semester hour.
306. *Medieval European Society*--A study of the development of Western European civilization from the collapse of the Roman Empire through the fourteenth century. The course encompasses the political, economic, religious, and intellectual dimensions of medieval European culture and society. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
- 309-310. *American History*--A study of history of the United States from the Colonial Period to World War II. Careful study is given to the growth of American political institutions and the social and economic life of the people of the United States. Three semester hours each semester.
324. *History of Rome*--A survey of Rome's progress from Republican times to its decline and replacement by the Germanic kingdoms in the fourth and fifth Christian centuries. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
331. *History of England*--A study of the political, social, economic, and cultural developments in English history from early Roman Britain to the modern world. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
352. *Reformations of the Sixteenth Century*--A study of the religious and theological reform movements in sixteenth-century Europe. The course focuses on the various theologies of the period, exploring the meaning of the term "reformation" as it applies to the various religious movements: Lutheran, Reformed, Radical, and Catholic. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
357. *Early Modern Europe 1618-1815*--A study of the history of Europe from the Thirty Years' War to the Congress of Vienna. Selected topics will include the Old Regimes, war and diplomacy, the rise of absolutism and constitutionalism, the Scientific Revolution, the Enlightenment, the French Revolution, and the age of Napoleon. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.
358. *Europe 1815-Present*--A study of European history from the Congress of Vienna to the modern period. Selected topics will include modernization and the Industrial Revolution.

tion, Liberalism and Conservatism, European nationalism, the world at war, and the post-war era. Prerequisite: Humanities 101-102 and 201-202, or six hours of European history, or consent of instructor. Three semester hours.

376. *Jefferson to Jackson*--A study of the period between the lives of Thomas Jefferson and Andrew Jackson with attention given to the ideas and events which resulted in the emergence of the nation and the development of the frontier. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

377. *The Middle Period: 1840-1880*--A survey of the core years of the Nineteenth Century in America. A study will be made of the American Civil War, its causes, character, and consequences. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

379. *The Gilded Age: 1877-1920*--An examination of the nation in the midst of industrial development and rapid population growth with specific reference to the impact of that industrialization on American culture and on the American political system. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

380. *America in the Twentieth Century*--A study of the events since the turn of the century and the effects they have had on economics, politics, and philosophy. Special emphasis is given to the period between World War I and the present. Prerequisite: History 309-310 or consent of instructor. Three semester hours.

406. *History of Islam*--A study of the political, religious, social, and cultural institutions of the Islamic world from the birth of Muhammad to the modern period. Three semester hours.

421. *The Scientific Tradition to 1750*--A study of the origins of modern science. Selected topics include Greek and Roman science in antiquity, Arab achievements in science, medieval alchemy and natural magic, Renaissance science, and the Scientific Revolution. Three semester hours.

431-432. *Reformation of the Nineteenth Century*--A study of the religious movement to restore New Testament Christianity as a basis for Christian union. Prerequisite: Humanities 101, 102, and 201, or consent of instructor. Not applicable toward a history major or minor. Two semester hours each semester.

445. *Historical Research*--A study of the theory and an exercise in the practice of original historical research. Prerequisite: A grade point average of 3.0. Three semester hours.

480. *Seminar on Vietnam*--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

HUMAN RELATIONS

The major in human relations is interdisciplinary and designed for those seeking vocational opportunities with various types of social agencies. The Youth Leadership emphasis is recommended for those who wish to work with children and young adults.

The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must also demonstrate computer competency.

Computer competency may be acquired through high school experience or the completion of one of the following Computer Science courses: 100, 275, or 280. Proof of competency by other than the completion of college courses may require a test.

REQUIRED CORE COURSES (15 hours)

Psychology 250	Sociology 201
Psychology 252	Sociology 303
Sociology 311 or 312	

EMPHASIS

Social Agencies	Youth Leadership
Sociology 321	Sociology 203
Sociology 380 or 381	Sociology 314
Sociology 403	Psychology 357
Sociology 451	Health & P.E. 409
Sociology 491	Health & P.E. 491
Electives to be chosen in consultation with adviser.	Electives Chr. Ministries 261, 318, 321, Psychology 358 Sociology 360, 403, 426 Sociology 461, 380 Health & P.E. 208, 311

The minor in human relations consists of Sociology 201, 303, 311; Psychology 250, 252; and three hours of electives.

POLITICAL SCIENCE

The political science minor is designed for those who wish to study law or prepare for government service or secondary school teaching; it may be taken as a valuable addition to a major in fields such as history or business administration and economics. (Also see American Studies Program on Page 39.) The political science minor consists of eighteen hours which include 202, 203, and 402 or 403, plus six hours of electives.

202. American National Government--A survey of the principles of the American federal system and a study of the structure and function of the national government. Three semester hours.

203. State and Local Government--A study of the structure and function of state and local governments in the United States and the political environment in which they exist. Prerequisite: Political Science 202. Three semester hours.

290. Independent Study--Individualized study to enable the student either to study material in a field not now in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

304. Government and Business--A survey of governmental regulation of economic activity, such as public utilities, transportation, security issuance and commodity markets, competitive practices, and agriculture with brief reference to labor and total wartime controls. Both the economic and political effects of such regulations are considered. Three semester hours.

360. The Presidency--An emphasis upon topics regarding the President of the United States. The course will focus upon some particular aspect of the office such as budgeting rather than serve as a general review. Two semester hours. Available usually in American Studies Program.

361. Domestic Politics--The content of the course will vary with each offering. Possible topics include human life legislation, the U.S. Congress, and other contemporary issues. Two semester hours. Available usually in American Studies Program.

370. International Affairs--A study of issues relating to problems facing the United States in international relations. The course will focus upon a topic such as nuclear proliferation or disarmament. Two semester hours. Available usually in American Studies Program.

402. Political Theory (Ideology)--A comparative study of four contemporary ideologies--Fascism, Communism, Conservatism, and Liberalism--and their implications for the state, the individual, progress, leaders and followers, freedom, justice, fraternity, etc. Three semester hours.

403. American Constitutional Law--A survey of the historical development of the American Constitution with emphasis on the role of the judicial branch of the government as an arbiter in determining the respective limits on national and state power, in protecting the

individual against that national and state activity which offends the Bill of Rights and other constitutional guarantees of liberty and property, and in securing civil rights. Selected court cases will be studies. Three semester hours.

189. Directed Readings--Supervised independent readings for a greater depth or a different approach than provided in other courses. Prerequisite: Political Science 202. One to three semester hours.

190. Directed Studies--A program of readings and conferences which provides for individualized study. One to three semester hours.

191. Field Work--A practicum experience that involves the student in a supervised position in government for the joint purpose of learning about government and possible occupational choices. Prerequisite: Political Science 202. One to three semester hours.

195. Seminar--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. Prerequisite: Political Science 202. One to three semester hours.

PSYCHOLOGY

The psychology curriculum emphasizes the principles and applications of substantive psychological knowledge both as a natural science and as a social science. The major and minor are designed to ensure that each student receives a broad background in psychology while at the same time offering opportunities, if desired, to pursue specialization in an interest area. The field of psychology has been undergoing rapid change. New jobs and programs are constantly evolving. The best source of information about these will be the student's adviser.

The required courses in the psychology major are Psychology 250, 259, 350, 353, 401, and Mathematics 213. Electives should be chosen in consultation with the psychology adviser. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours in the major. Those completing the major must demonstrate computer competency.

The minor in psychology requires Psychology 250, 252, and 350 plus nine additional semester hours.

100. Introduction to College and Careers--A course focusing on those behaviors necessary to succeed in college, in careers, and in life in general. These include career exploration, management of resources such as time and money, and a growing awareness of self. **Required of all freshmen during the first semester of attendance.** One semester hour.

250. General Psychology--An introduction to the discipline of psychology. The study covers the background, methodology, and major findings from each of the major sub-areas of psychology. Three semester hours.

252. Developmental Psychology--A study of the origins of psychological processes and general genetic principles and development of the individual in physical, lingual, social, intellectual, emotional, and personal areas. Three semester hours.

253. Child Psychology--An in-depth study of the physical, cognitive, social, and emotional development of the child from birth through eight years of age. Development, care, and guidance of the child is examined in relationship to major theories of child development. This course is designed for professionals who work with infants and children in a variety of settings. Three semester hours.

259. Experimental Psychology--A study of research methodologies in psychology with special emphasis upon experimentation. The study covers research planning, experimental design, data collection and analysis, and the construction of models and theories. Laboratory work emphasizes application of these concepts. Prerequisite: Psychology 250 or concurrent enrollment. Three semester hours.

290. Independent Study--Individual study to enable the student either to study material not in the curriculum or to facilitate an individualized approach in a field not now covered in a single course. Not open to freshmen. One to three semester hours.

350. Social Psychology--A study of the individual in society. Some emphasis is given to research and experimentation. Three semester hours.

353. Personality, Motivation, Development, and Assessment--A course to give students a sound introduction to the scientific study of personality. The basic orientation is substantive and empirical, but some attention is given to theories of personality, learning theories, psychoanalysis, and recent developments in cognitive theory. Prerequisite: Psychology 250. Three semester hours.

357. Introduction to the Theory and Practice of Counseling--An introduction to counseling and psychotherapy primarily by practicing the skills that constitute the counseling process. The aim is to utilize class-members for the practical applications and implementation of techniques in therapeutic process, as well as to develop a balanced view of the major concepts of various therapies. Prerequisite: Psychology 250. Three semester hours.

358. Abnormal Psychology--A careful consideration of the data and principles which have proved helpful in interpreting deviations from normal behavior. Three semester hours.

361. Innovative Methods of Therapy--An introduction to the innovative therapies used in mental health and educational settings. Particular attention is given to cognitive and behavioral approaches. Three semester hours.

401. *Systems and Theories*--An overview of the major systems and theories of contemporary psychology with in-depth study in areas of specialization, including a refresher practicum in statistics and experimentation. Three semester hours.

404. *Educational Psychology*--A treatment of growth and development of children and adolescents with emphasis on the learning process and the evaluation of the educational program. Three semester hours.

427. *Perception and Physiological Psychology*--A study of the various modes of operation of perceptual systems and the physiological mechanisms that underlie behavior and experience. Topics include human information processing, biological bases of learning, memory, and mental disorders, the central nervous system, and sleeping and dreaming. Prerequisites: Psychology 250 and 259. Three semester hours.

450. *Psychology of Religion*--A study of the relationship between major theorists of psychology and how they have attempted to study the nature of religious thought and behavior. The psychoanalytic, social psychological, and developmental approaches to the issue of human religiosity are examined. Three semester hours.

454. *Introduction to Psychological Testing*--A study of the theory and methods of measuring human behavior, including a survey of representative tests of ability and tests of typical performance. Three semester hours.

480. *Seminar on Vietnam*--A survey of the Vietnam era in American history. This course examines precursors in the U.S. and Southeast Asia, the Vietnam era itself, and the war's legacies to the nation and its people. Both historical and psychological issues are examined. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

491. *Field Work in Psychology*--Supervised field work in various institutions and agencies, including children's homes, schools, homes for the aging, delinquency and probation programs as well as work with other agencies. Prerequisite: Consent of the instructor. Three to six semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SOCIOLOGY

The sociology curriculum emphasizes the principles and application of sociological knowledge. The major and minor are designed to ensure that each student receives a broad background in sociology. This major is also for those wishing to continue studies in graduate school.

The required courses in the sociology major are Psychology 350 and Sociology 201, 210, 303, 311 or 312, 314, 401, 403, 426, and 451. The Bachelor of Arts degree requires the intermediate year of a modern foreign language plus thirty hours in the major. The Bachelor of Science degree requires thirty-six hours. Those completing the major must demonstrate computer competency.

The minor in sociology requires Sociology 201, 210, 303, 451; Psychology 250; and three elective hours.

201. Introduction to Sociology--A scientific study of human society and the various means by which individuals and groups adjust to each other and to their physical and social environment. Three semester hours.

203. Introduction to Youth Leadership--A presentation of the types of careers available in the field of youth leadership, its prerequisites, needed skills and abilities, and job opportunities. One semester hour.

210. Introduction to Cultural Anthropology--A study of the dynamics of culture and society: folkways, mores, and institutions and their significance for comprehending the variations in contemporary cultural orientations, customs, and manners. Three semester hours.

303. Family--A study of the social significance of the modern American family viewed in the perspective of its cultural heritage. Three semester hours.

311. The Sociology of Crime and Delinquency--A study of the nature of crime and delinquency, including criminal statistics, causal factors, theories, and procedures in prevention, treatment, and corrections. Prerequisite: Sociology 201. Three semester hours.

312. Juvenile Delinquency--An assessment of the nature of the delinquency problem, major sociological causes and their implications for control, and the administration of juvenile justice including field contacts with juvenile counselors and the Johnson City Juvenile Court. Three semester hours.

314. Race and Ethnic Relations--A study of racial and cultural contacts and conflicts, including an analysis of prejudice and discrimination, status and participation of minority groups, and national and international aspects of minority problems. Prerequisite: Sociology 201. Three semester hours.

321. *Sociology of Death and Dying*--An exploration of the current literature on death and dying. The approach is cross-cultural, even though the emphasis is on death and dying customs and practices in North America. Three semester hours.

350. *Social Psychology*--See Psychology 350. Does not meet general education requirements for sociology, economics, geography, or government. Three semester hours.

360. *Aspects of Intercultural Communication*--A study of inductive and theoretical analysis of the problems encountered in the communication of ideas across cultural boundaries: their basis and origin, their consequences, and the approaches to overcoming them. Prerequisite: Sociology 201. Three semester hours.

380. *Principles of Social Work*--An introduction to the profession of social work and an overview of the professional knowledge, skills, and values necessary for generalist social work practice. The student is introduced to the historical evolution of social work, the history of social welfare, the various fields of social work practice, and general systems theory. Three semester hours.

381. *Social Welfare Policies and Services*--A study of social welfare policy, its theoretical orientations and philosophical underpinnings, as well as private and public social programs and issues which comprise the United States welfare system. Attention will be given to those social policies/programs which have a major impact on generalist social work practice. Three semester hours.

401. *Sociological Research*--An introduction to the methods of data collecting and analysis and the interpretation of social data. Three semester hours.

403. *Urban Sociology*--A study of the sociology of urban life, including theories of urban growth, ecology, and dynamics of urban change. Prerequisite: Sociology 201. Three semester hours.

413. *Seminar in Aging and Retirement*--A study of the life-cycle, psychological and physiological changes, adaptation to old age and retirement, and disengagement. Prerequisites: Sociology 201 and 303. Three semester hours.

421. *Sociology of Religion*--A study of interactive relationships between religious and other social institutions with special attention to the contemporary American religious scene. Three semester hours.

426. *Sociology of Small Groups*--A social-psychological approach to small group dynamics and interaction. Prerequisite: Sociology 201. Three semester hours.

451. *Sociological Theory*--A study of the origin and growth of sociological thought, beginning with Comte, Spencer, and LePlay. Special attention is given to the contemporary developments in sociological theory. Prerequisite: consent of the instructor. Three semester hours.

461. *Dynamics of Culture Change*--A study of the identification of the processes of culture change, both internal and external, and critical study of theories offered to account for culture change. Three semester hours.

480. *Sociological Contexts of Prison Ministry*--A study of the criminal justice system and those who are participants in it: professional staff, inmates, and the volunteer community. This course is designed to establish the philosophical base and practical knowledge necessary to support an institutional chaplaincy program. Three semester hours.

489. *Directed Readings*--A supervised program of readings which provides for study of material not included in the regular course offerings. One to three semester hours.

490. *Directed Studies*--A program of readings and conferences which provides for individualized study. One to three semester hours.

491. *Field Work in Sociology*--Supervised field work in various institutions and agencies including children's homes, homes for the aging, delinquency and probation work, as well as work with other agencies. Prerequisite: Sociology 201 and consent of the instructor. Three to six semester hours.

495. *Seminar*--A seminar designed to promote in-depth discussion, independent research, and writing in areas not included in the regular course offerings. Topics considered vary from semester to semester. One to three semester hours.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HEALTH CARE ADMINISTRATION

(Sociology/Psychology Emphasis)

This listing includes all college requirements for graduation and completion of a major in Health Care Administration. A minor course of study is not required for majors in this program. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	PSYC 250	General Psychology	3
SOCL 201	Introduction to Sociology	3	H&PE 101	Fitness for Life	1
BIOL 110	General Biology	4	Math elective		3
		Total 17			Total 16
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
ECON 201	Principles of Economics	3	ECON 202	Economics	3
ACCT 211	Introductory Accounting	3	ACCT 212	Introductory Accounting	3
Laboratory science		4	SOCL 380	Principles of Social Work	3
H&PE activity		1	COMM 102	Oral Presentation	3
		Total 17			Total 18
<u>Junior</u>					
BADM 361	Principles of Management	3	PSYC 353	Personality, Mot., Dev., Assm.	3
SOCL 321	Sociology of Death & Dying	3	PSYC 357	Theory & Practice of Counsel.	3
SOCL 426	Sociology of Small Groups	3	SOCL 303	Family	3
PSYC 358	Abnormal Psychology	3	SOCL 413	Seminar in Aging & Retirement	3
Computer course		3	Elective		3
		Total 15			Total 15
<u>Senior</u>					
SOCL 491	Field Work	6	Business elective		3
BIBL 471	Christ and Culture	3	Electives		12
Elective		6			Total 15
		Total 15			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HEALTH CARE ADMINISTRATION

(Business Emphasis)

This listing includes all college requirements for graduation and completion of a major in Health Care Administration. A minor course of study is not required for majors in this program. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	PSYC 250	General Psychology	3
SOCL 201	Introduction to Sociology	3	H&PE 101	Fitness for Life	1
BIOL 110	General Biology	4	Math elective		3
		Total 17			Total 16

<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
ECON 201	Principles of Economics	3	ECON 202	Economics	3
ACCT 211	Introductory Accounting	3	ACCT 212	Introductory Accounting	3
Laboratory science		4	SOCL 380 or 381		3
H&PE activity		1	COMM 102	Oral Presentation	3
		Total 17			Total 18

<u>Junior</u>					
BADM 315	Principles of Marketing	3	BADM 362	Personnel Management	3
BADM 361	Principles of Management	3	Computer elective		3
ECON 301	Corporate Finance	3	PSYC 357	Theory & Practice of Counsel.	3
SOCL 321	Sociology of Death & Dying	3	SOCL 303	Family	3
Elective		3	Elective		3
		Total 15			Total 15

<u>Senior</u>					
BADM 311	Industrial & Public Relations	3	BADM 421	Business Ethics	3
BADM 491	Field Work	6	SOCL 413	Aging and Retirement	3
BIBL 471	Christ and Culture	3	Electives		9
Elective		3			Total 15
		Total 15			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HISTORY

Below is an example of a possible course of study for a student majoring in History. It incorporates all of the General Education Requirements (GER) and the History major requirements, but the actual sequence taken as well as the major and general electives are determined by each student in consultation with his/her adviser, and by the courses available. This sample does not attempt to specify education courses needed for teacher licensure; "general electives" could be used for this purpose or for a "minor."

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	H&PE activity		1
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	PSYC 250	General Psychology	3
		Total 15			Total 17

Sophomore

HIST 309	American History	3	HIST 310	American History	3
HUMN 201	Humanities	6	HUMN 202	Humanities	6
Foreign language		3	Foreign language		3
History elective		3	History elective		3
		Total 15			Total 15

Junior

Foreign language		3	Foreign language		3
Social learning elective		3	Social learning elective		3
MATH 107	Principles of Math	3	History elective		3
History elective		3	COMM 102	Oral Presentation	3
General elective		3	General elective		3
HIST 301	History and Historians	1			Total 15
		Total 16			

Senior

BIBL 471	Christ and Culture	3	History elective		3
History elective		3	History or general elective		3
History or general elective		3	General electives		10
General electives		7			Total 16
		Total 16			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HUMAN RELATIONS (Youth Leadership)

This listing includes all college requirements for graduation and completion of a Human Relations major with an emphasis in Youth Leadership. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	PSYC 250	General Psychology	3
H&PE 101	Fitness for Life	1	H&PE 208	Folk Dance	1
Foreign language		3	Foreign language		3
		Total 14			Total 16
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
SOCL 201	Introduction to Sociology	3	SOCL 203	Intro. to Youth Leadership	1
Laboratory science		4	SOCL 303	Family	3
Foreign language		3	Foreign language		3
		Total 16	Laboratory science		4
				Total 17	
<u>Junior</u>					
MATH 213	Statistics	3	SOCL 311 or 312		3
PSYC 252	Developmental Psychology	3	SOCL 314	Race and Ethnic Relations	3
H&PE 409	Recreational Leadership	3	COMM 102	Oral Presentation	3
Minor and/or electives		7	Minor and/or electives		8
		Total 16			Total 17
<u>Senior</u>					
BIBL 471	Christ and Culture	3	H&PE 491	Field Work	6
PSYC 357	Theory & Practice of Counsel.	3	Youth leadership elective		3
Youth leadership elective		3	Minor and/or electives		7
Minor and/or electives		7			Total 16
		Total 16			

SUGGESTED COURSE SEQUENCE FOR MAJORS IN HUMAN RELATIONS (Social Agencies)

This listing includes all college requirements for graduation and completion of a Human Relations major with an emphasis in Social Agencies. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	PSYC 250	General Psychology	3
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	H&PE activity		1
Total 15			Total 17		

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
SOCL 201	Introduction to Sociology	3	COMM 102	Oral Presentation	3
PSYC 252	Developmental Psychology	3	SOCL 303	Family	3
MATH 107	Principles of Math	3	Minor		3
Total 15			Computer course		3
			Total 18		

Junior

PSYC 357	Theory & Pract. of Counsel.	3	SOCL 311 or 312		3
SOCL 210	Cultural Anthropology	3	SOCL 380	Principles of Social Work	3
SOCL 321	Sociology of Death & Dying	3	SOCL 413	Aging and Retirement	3
SOCL 403	Urban Sociology	3	Minor and/or electives		6
Minor		6	Total 15		
Total 18					

Senior

BIBL 471	Christ and Culture	3	SOCL 350	Social Psychology	3
SOCL 491	Field Work	6	SOCL 451	Sociological Theory	3
Minor and/or electives		6	Minor and/or electives		9
Total 15			Total 15		

SUGGESTED COURSE SEQUENCE FOR MAJORS IN PSYCHOLOGY

This listing includes all college requirements for graduation and completion of a Psychology major. The major with a bachelor of arts degree consists of thirty hours of course work plus completion of a foreign language through the intermediate level. The major in the bachelor of science degree requires thirty-six hours of course work. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester			Spring Semester		
<u>Freshman</u>					
BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	PSYC 250	General Psychology	3
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4	H&PE activity		1
		Total 15			Total 17
<u>Sophomore</u>					
HUMN 201	Humanities	6	HUMN 202	Humanities	6
PSYC 259	Experimental Psychology	3	MATH 213	Statistics	3
PSYC 350	Social Psychology	3	PSYC 353	Person., Mot., Dev., Assm.	3
Foreign language		3	Foreign language		3
		Total 15			Total 15
<u>Junior</u>					
MATH 107	Principles of Math	3	COMM 102	Oral Presentation	3
PSYC 401	Systems and Theories	3	Psychology elective		3
Social learning elective		3	Social learning elective		3
Foreign language		3	Foreign language		3
Minor and/or electives		4	Minor and/or general electives		3
		Total 16			Total 15
<u>Senior</u>					
BIBL 471	Christ and Culture	3	Psychology electives*		6
Computer science elective		3	Minor and/or general electives		10
Psychology electives		6	Total 16		
Minor and/or general electives		4	Total 16		

*A field work experience is an excellent adjunct to academic work. Field work can be arranged in clinical, family services, and educational settings in the campus vicinity.

SUGGESTED COURSE SEQUENCE FOR MAJORS IN SOCIOLOGY AND ANTHROPOLOGY

This listing includes all college requirements for graduation and completion of a Sociology major. The major with a bachelor of arts degree consists of thirty hours of course work plus completion of a foreign language through the intermediate level. The major in the bachelor of science degree requires thirty-six hours of course work. A minor course of study must be selected. The sequence of courses is flexible and will be planned for each student with the assistance of his or her adviser.

Fall Semester

Spring Semester

Freshman

BIBL 123	Old Testament Survey	3	BIBL 124	New Testament Survey	3
HUMN 101	Humanities	6	HUMN 102	Humanities	6
PSYC 100	Intro. to Coll. & Careers	1	PSYC 250	General Psychology	3
H&PE 101	Fitness for Life	1	PHYS 104	Earth & Space Science	4
BIOL 110	General Biology	4			Total 16
		Total 15			

Sophomore

HUMN 201	Humanities	6	HUMN 202	Humanities	6
H&PE activity		1	CPTR 100	Intro. to the Computer	1
SOCL 201	Introduction to Sociology	3	SOCL 210	Cultural Anthropology	3
Foreign language		3	Foreign language		3
Minor and/or electives		3	Minor and/or elective		3
		Total 16			Total 16

Junior

COMM 102	Oral Presentation	3	MATH 107	Principles of Math*	3
SOCL 303	Family	3	PSYC 350	Social Psychology	3
SOCL 314	Race and Ethnic Relations	3	SOCL 312	Juvenile Delinquency	3
Foreign language		3	Foreign language		3
Minor and/or electives		6	Minor and/or general electives		6
		Total 18			Total 18

Senior

BIBL 471	Christ and Culture	3	SOCL 403	Urban Sociology	3
SOCL 401	Sociological Research	3	SOCL 426	Sociology of Small Groups	3
Minor and/or general electives		10	SOCL 451	Sociological Theory	3
		Total 16	SOCL 491	Field Work	3
			Minor and/or general electives		3
					Total 15

*or an acceptable substitute

THE MILLIGAN COMMUNITY

We distinguish those who hold some form of membership in the College as the "Milligan Community." Membership consists of five classifications: trustees, advisers, faculty, students, and alumni. The term "Community" thus refers not to a geographic or social locality but rather to persons sustaining a relationship to one another through their membership in the College. These persons are held together by a common heritage, by common ideals, and by commitment to a common ultimate goal. We speak informally of the association as "the Milligan Family." Experience set in such a community is productive of a common spirit, a deep affection, a mutual trust, and an enthusiasm in discharging the responsibilities and enjoying the rewards incident to membership in the College.

The Board of Trustees

The trustees are the members of the College to whom are committed the ownership and oversight of the physical property of the College and the responsibility of electing the officers of administration and of instruction. Upon recommendation of the faculty, they authorize the advancement of candidates to the degree for which they have qualified. The Board of Trustees is self-perpetuating. Members are chosen from the Advisers for their commitment to the purpose of the College.

The Trustees

Jacqueline Acker, Alumni Association President,
Akron, OH

Charles Allcott, III, Bank Executive,
Pensacola, FL

Charles E. Allen, Physician,
Johnson City, TN

John Banks, Attorney, Elizabethton, TN
Russell F. Blowers, Minister,
Indianapolis, IN

H. Joseph Bourn, Investment Counselor,
Chicago, IL

Dennis A. Bratton, Minister,
Jacksonville, FL

William R. Clem, Businessman,
Lexington, KY

W. Edward Fine, Minister,
St. Petersburg, FL

Harry Fontaine, Jr., Businessman,
Johnson City, TN

Dennis Fulk, Businessman, Carmel, IN
Omer Hamlin, Jr., Retired Librarian,

U.K. Medical Center, Lexington, KY
Marshall W. Hayden, Minister,
Worthington, OH (rotated off 1994)

Donald R. Jeanes, Minister,
Johnson City, TN (rotated off 1994)

Sue Kettelson, Churchwoman,
Simpsonville, SC

Steve Lacy, Retired Businessman,
Johnson City, TN

John Love, Realtor,
Johnson City, TN (rotated off 1994)

Donald B. Marshall, Minister,
Elizabethton, TN

William Nice, Physician, Bloomington, IN
Lowell W. Paxson, Business Executive,
Clearwater, FL (rotated off 1994)

Cameron Perry, Retired Bank Executive,
Johnson City, TN

James R. Rice, Physician, Irmo, SC
Henry Richardson, Businessman,
Havre de Grace, MD

J. David Rose, Retired Insurance Executive,
J. Donald Sams, Administrator, Mt. Healthy
Christian Home, Cincinnati, OH

Ralph M. Small, Retired Publisher,
Greensburg, IN

Deborah Smith, C.P.A., Indianapolis, IN
Jeanne Starkey, Churchwoman,
Indianapolis, IN

Dan Stuecher, Minister,
Safety Harbor, FL (rotated off 1994)

J. Marvin Swiney, President,
Mountain Mission School, Grundy, VA
Mark H. Webb, Dentist,
Bristol, TN (rotated off 1994)
John J. Wiggins, Insurance Executive,
Plainfield, IN
Eugene H. Wigginton, Publisher, Standard
Publishing Company, Cincinnati, OH (ro-
tated off 1994)
Glen M. Williams, U.S. District Court Judge,
Big Stone Gap, VA

Calvin L. Wilson, Jr., Businessman,
Johnson City, TN
Harold Zimmerman, Retired Business Ex-
ecutive, Indianapolis, IN

Non-Voting:

Jack Knowles (Faculty), Milligan College, TN
Patricia Magness (Faculty), Milligan College,
TN
Kenneth Richardson (President-elect of Alumni
Association), Clayton, IN

Trustees Emeriti

Robert E. Banks, Retired Attorney,
Elizabethton, TN
Theodore Cord, Retired Minister,
West Des Moines, IA
Jack Covington, Contractor,
Winston-Salem, NC
Horace W. Dabney, Retired Businessman,
Louisville, KY
Harry Guion, Retired Insurance Executive,
Indianapolis, IN

C. Howard McCorkle, Retired Educator,
Johnson City, TN
Jack R. Musick, Retired Circuit Court Judge,
Elizabethton, TN
George O. Walker, Retired Insurance Ex-
ecutive, Johnson City, TN
Frank L. Wiegand, Attorney, Pittsburgh, PA

The Advisers

Steve Adkins, Businessman, Ocala, FL
Michael Alread, Minister, Houston, TX
Dewey R. Barker, Area Manager,
Bethlehem Steel, Aberdeen, MD
Philip Blowers, Attorney, Indianapolis, IN
David Boggs, Businessman,
Davidsonville, MD
Darla Bowes, Churchwoman,
Lock Haven, PA
Randy Brockley, Banker, Houston, TX
Clyde Broyles, Jr., Businessman,
Elizabethton, TN
Reno G. Burseson, Contractor,
Johnson City, TN
L.D. Campbell, Minister, Florence, KY
Douglas Carter, Minister, Indianapolis, IN
Samuel H. Clark, Jr., Retired, Bristol, TN
Michael Corey, Elevator Constructor,
McCordsville, IN
Alvin Covell, Minister, Frankton, IN

E. Richard Crabtree, Minister,
Colorado Springs, CO
Donald Crum, Retired Business Executive,
Palm Harbor, FL
Gary A. Deater, Hospital Administrator,
Lebanon, IN
Sherry Detraz, Educator, Dunedin, FL
Harold J. DeVault, Businessman,
Knoxville, TN
Ronald Dove, Attorney, Rockville, MD
William English, Executive, Kentucky Utilities,
Lexington, KY
James L. Evans, Executive Director, Euro-
pean Evangelistic Society, Atlanta, GA
Billye Joyce Fine, Educator,
St. Petersburg, FL
Margaret Fugate-Anderson, Attorney,
Johnson City, TN
Ron Fylstra, Executive, Lexington, KY
Linda Gibbons, Churchwoman, Western
Springs, IL

- Jack Gilbert, Executive, Indianapolis, IN
Larry Girdwood, Minister,
Clarendon Hills, IL
James E. Green, Attorney, Bristol, VA
William F. Hall, Minister, Greenville, IN
David O. Hamlin, Minister, Shelbyville, KY
Wayne Hay, Parole Officer, State of
Kentucky, Louisville, KY
Eleanor Helsabeck, Alumni Representative,
Johnson City, TN
Henry E. Hill, Retired Minister,
Johnson City, TN
Robert L. Huckstep, Businessman,
Charlottesville, VA
Steve Huddleston, Associate Minister,
Painesville, OH
Ann Hughes, Churchwoman, Dickinson, TX
David C. Hughston, Insurance Executive,
Brownsville, TX
Gether Irick, Retired Research Chemist,
Gray, TN
E. Glenn Isaacs, Business Executive,
Elizabethton, TN
Robert Kroh, Minister, Bellevue, WA
James Landrum, Minister, Bloomington, IN
Karl M. Marshall, Minister, Paris, IL
Robert W. McGuire, Youth Services,
East Point, GA
Tim McIntosh, Minister, Elkhorn City, KY
Boyd McKey, Elder, First Christian Church,
Chicago, IL
John Meredith, Associate Minister,
Fort Myers, FL
Mark Miller, Businessman, Columbus, OH
William O. Norris, Retired Minister,
Johnson City, TN
Ed B. Notestine, Educator, East Point, GA
Philip Pletcher, Alumni Representative, Des
Moines, IA
Gary D. Porter, Administrator, Children's
Home, Wooster, OH
David Pugh, Educator, Indianapolis, IN
William Rollins, Grocer, Bristol, TN
John Russell, Minister, Ft. Mitchell, KY
John C. Samples, Executive, Standard Pub-
lishing Company, Cincinnati, OH
James D. Saunders, Minister, Angola, IN
Ronald F. Sewell, Retired Executive, I.B.M.
Corporation, Rockville, MD
Mignon M. Shelton, Churchwoman,
Blountville, TN
Glen D. Shepherd, Student Representative,
Omaha, NE
Ralph Sims, Minister, Johnson City, TN
Joe D. Slone, Systems Engineer, I.B.M.
Corporation, Roanoke, VA
Steven Smith, Engineer, Johnson City, TN
Ronald S. Spotts, Businessman,
Beech Creek, PA
Joseph E. Sutherland, Family Counselor,
Longmont, CO
John Wakefield, Minister, Cincinnati, OH
John E. Wasem, Minister, St. John, IN
David Wead, Minister, Nashville, TN
Dorlin E. Wheeler, Captain USAF,
Wichita Falls, TX
Jerry Williams, Minister, Indianapolis, IN
Robert L. Williams, Educator,
Jersey Shore, PA
Jen Wisdom, Student Representative,
Milligan College, TN
Ronald A. Woodward, Professor, DIA,
Washington, D.C.
gloria wright, Alumni Representative,
Lawrenceville, GA
Bill Yeary, Executive, Lexington, KY
Ron Zimmerman, Businessman, Allison
Engine Co., Indianapolis, IN

FACULTY AND ADMINISTRATION

MARSHALL J. LEGGETT, President (1982)

A.B., Milligan College; M.Div., Christian Theological Seminary; M.A., Butler University; D.D., Milligan College; D.S.L., Kentucky Christian College; Litt.D., Midwest Christian College; Atlanta Christian College; Ball State University.

President's Cabinet

KENT E. McQUISTON, Senior Vice President (1994)

B.S., Ball State University; A.B.S., Business Administration and Finance, International Business College.

GARY E. WEEDMAN, Vice President for Academic Affairs and Dean (1987)

A.B., Johnson Bible College; M.A., Western Illinois University; Ph.D., Indiana University; Lincoln Christian Seminary; The University of Tennessee.

JOHN DERRY, Vice President for Student Development (1985)

A.B., Lincoln Christian College; M.A., Lincoln Christian Seminary; M.S.Ed., Western Illinois University; East Tennessee State University.

JOE G. WHITAKER, Vice President for Business and Finance (1989)

B.S., Eastern Kentucky University; Milligan College; Certified Public Accountant.

Administration

ROBERT E. ALLEN, Director of Church Relations (1986)

B.A., Ozark Christian College; Emmanuel School of Religion; Florida Southern College.

LEONARD BEATTIE, Physical Plant Director (1986)

NANCY M. BEVERLY, Director of Financial Aid (1991)

A.S. in BAdm., Beckley College; B.S., East Tennessee State University; Southern Association of Student Financial Aid Administrators Certificate of Achievement.

ANDY BRATTON, Director of Campus Life (1991)

B.S., Milligan College.

WAYNE EMERY, Director of Alumni Relations (1991)

B.A., Milligan College; M.Div., Emmanuel School of Religion; D.Min., Vanderbilt University.

PAULA C. GENTRY, Director of Adult Education Programs (1991)

B.A., College of St. Francis; M.Ed., University of Illinois, Champaign/Urbana.

MICHAEL JOHNSON, Director of Admissions (1986)

B.S., Milligan College.

LINDA H. LAWSON, Director of Personnel, Work Study Coordinator, and Mailroom Supervisor (1990)

B.A., Milligan College.

CORT MILLS, Assistant Director of Adult Education Programs (1990)

B.A., Milligan College.

STEVEN L. PRESTON, Director of Learning Resources (1981)

A.B., University of Georgia; M.L.S., University of Oklahoma; Georgia Institute of Technology.

SUE H. SKIDMORE, Registrar and Director of Institutional Research (1980)

B.A., Milligan College; M.A., East Tennessee State University.

KATHY SMITH, Associate Director of Alumni Relations (1984)

B.S., Auburn University; Milligan College.

MIKE SMITH, Director of Computer Services (1981)

B.A., Northwest Christian College; Emmanuel School of Religion; East Tennessee State University.

Professors

BERTRAM S. ALLEN, JR., Professor of Psychology and Director of Counseling (1979)

B.A., Milligan College; M.A., Ed.D., Lehigh University; University of Maryland; School of Law, University of Richmond.

- PATRICIA JANE BONNER, Professor of Health and Physical Education (1966)
B.A., Milligan College; M.E., University of Arizona; M.R.E., Emmanuel School of Religion; Ed.S., George Peabody College for Teachers; Ed.D., Highland University; San Fernando State College; Fullerton State College; Pepperdine College; University of Colorado; University of California at Los Angeles.
- PAUL A. CLARK, Professor of Education and Director of Teacher Education (1965)
B.A., Harding College; M.A., East Tennessee State University; Ed.D., University of Kentucky.
- TERRY J. DIBBLE, Professor of English (1971)
B.S., M.S., Fort Hays Kansas State College; Ph.D., University of Nebraska.
- GEORGE A. FINCHUM, Professor of Education and Geography (1987)
B.S., M.A., East Tennessee State University; Ed.D., The University of Tennessee; Jagiellonian University.
- CHARLES W. GEE, Professor of Biology and Education (1967)
B.S., University of Wisconsin-Madison; M.S., Oklahoma State University; Ph.D., Michigan State University; University of South Carolina; Ohio State University.
- WILLIAM C. GWALTNEY, JR., Chair, Area of Biblical Learning and Joel O. and Mabel Stephens Professor of Bible (1964)
Th.B., Cincinnati Bible Seminary; B.A., Wilmington College; Ph.D., Hebrew Union College; University of Cincinnati; University of Chicago; Oriental Institute; Yale University; University Museum, University of Pennsylvania.
- SUSAN GAYLE HIGGINS, Professor of Sociology (1977)
B.A., Lincoln Christian College; M.A., Ph.D., Indiana University.
- JANICE F. HUANG, Professor of Mathematics (1979)
A.B., Pembroke College in Brown University; M.A. and Ph.D., University of Illinois; Milligan College.
- JACK L. KNOWLES, Professor of English (1970)
B.A., Milligan College; M.A., Ph.D., The University of Tennessee; Ohio State University; University of Oxford.
- RICHARD D. LURA, Chair, Area of Scientific Learning and Professor of Chemistry (1971)
B.S., University of Wisconsin-Madison; Ph.D., Iowa State University; Medical College of Virginia.
- JAMES LEE MAGNESS, Professor of Bible (1983)
B.A., Milligan College; M.Div., Emmanuel School of Religion; Ph.D., Emory University; Vanderbilt University.
- EUGENE NIX, Professor of Chemistry (1967)
B.S., M.S., Ed.D., University of Georgia; West Georgia College; Fort Hays Kansas State College; Oak Ridge Associated University.
- R. DAVID ROBERTS, Kenneth E. Starkey Chair of Bible and Christian Ministries and Professor of Bible (1982)
A.B., Milligan College; M.Div., D.Min., Southern Baptist Theological Seminary.
- DAVID C. RUNNER, Professor of Music (1972)
B.Mus., Boise State University; M.Mus., D.M.A., Eastman School of Music, University of Rochester.
- ELIZABETH H. SMITH, Director of the Nursing Program and Professor of Nursing (1993)
B.S.N., East Tennessee State University; M.S., University of Maryland; Ph.D., University of Texas.

RALPH SPEER, Professor of Communications (1991)

B.A., M.A., D.A., Drake University; Grand View College; Iowa State University; Lincoln Christian Seminary.

DUARD B. WALKER, Professor of Health and Physical Education (1951)

B.A. and B.S. in Physical Education, Milligan College; M.A., Teachers College Columbia University; The University of Tennessee.

GARY O. WALLACE, Professor of Biology (1967-68, 1971)

B.S., Austin Peay State College; M.A., Ph.D., The University of Tennessee.

Associate Professors

THOMAS V. BARKES, Associate Professor of Computer Science (1985)

B.S., Milligan College; M.T.S., College of William & Mary; M.S.C.S.E., University of Evansville; East Tennessee State University; University of Maryland-Baltimore; Morgan State University.

CAROLYN W. CARTER, Chair, Area of Professional Learning, and Associate Professor of Office Administration and Computer Science (1984)

B.S., M.A., East Tennessee State University; M.S.C.S.E., University of Evansville.

TIM DILLON, Associate Professor of History (1982)

B.A., Milligan College; M.A., Ph.D., University of Wisconsin-Madison; Emmanuel School of Religion.

W. DENNIS HELSABECK, JR., Associate Professor of History (1982-1984, 1989)

B.S., University of Wisconsin-Madison; M.S., Indiana University-Bloomington; M.A., University of Oregon; University of North Carolina-Greensboro; Emmanuel School of Religion; Luther Northwestern Theological Seminary.

JULIA G. HOLMES, Chair, Area of Professional Learning, and Associate Professor of Education (1988-90; 1993)

B.S., M.S., Troy State University; Ed.D., The University of Alabama.

DIANE E. JUNKER, Associate Professor of Chemistry (1984-88; 1992)

B.S., Milligan College; Ph.D., University of Pittsburgh.

PATRICIA P. MAGNESS, Associate Professor of Humanities (1984)

B.A., Milligan College; M.A., Vanderbilt University; Boise State University; Georgia State University; Ph.D., Emory University.

RICHARD MAJOR, Associate Professor of Theatre (1985)

B.A., Milligan College; M.F.A., Michigan State University; Ohio University.

NORMA J. MORRISON, Associate Professor of Education (1982)

A.A., Indian River Junior College; B.A., Florida State University; M.A.T., Ed.D., East Tennessee State University; Milligan College; University of Oregon.

CAROL A. ROOSE, Associate Professor of Education (1989)

B.S., M.A., Ph.D., Kent State University; Case Western Reserve University.

DONALD SHAFFER, Associate Professor of German (1963-68, 1973)

B.A., Albion College; M.A., Ph.D., Indiana University; M.A.T.S., Princeton Theological Seminary; Michigan State University; Cincinnati Bible Seminary; East Tennessee State University; University Hamburg.

JAMES L. STREET, Associate Professor of Psychology (1982)

A.B., Atlanta Christian College; M.Ed., Ph.D., University of Georgia; West Georgia College; Fuller Theological Seminary.

JULIA K. WADE, Associate Professor of Biology (1984)

B.S., East Tennessee State University; M.S., University of Kentucky; M.S. Cornell University; Ph.D., The University of Tennessee.

CAROLYN WOOLARD, Associate Professor of French (1972)

B.A., Bridgewater College; B.S., East Tennessee State University; M.A., University of Kentucky; University of Strasbourg.

Assistant Professors

W. THOMAS BECKNER, Assistant Professor of Communications (1989)

B.A., Milligan College; M.A., Kent State University; M.S., Georgia State University; Ohio University; Emory University.

NICHOLAS D. BLOSSER, Assistant Professor of Art and Humanities (1991)

B.F.A. and M.F.A., The Ohio State University.

JOHN W. CAMPBELL, Assistant Professor of Music (1993)

B.M., Sanford University; M.M., University of Illinois, Urbana-Champaign; D.M.A., Southern Baptist Theological Seminary.

CRAIG S. FARMER, Assistant Professor of History and Humanities (1993)

B.A., Haverford College; M.A., University of Chicago; Ph.D., Duke University.

LORI L. GIBSON, Assistant Professor of Psychology (1993)

B.S., Milligan College; M.A., Ph.D., University of Louisville.

MARVIN GLOVER, JR., Assistant Professor of Mathematics (1990)

B.S., Athens State College; M.S., Vanderbilt University.

ANN ILES, Assistant Professor of Humanities and English (1982).

B.A., Lamar University; M.A., East Tennessee State University; University of South Carolina; Milligan College.

DOUGLAS JENNETT, Assistant Professor of Health & Physical Education (1985)

B.S., Milligan College; M.S., Ball State University; Purdue University; Arizona State University; East Tennessee State University.

KAREN L. KELLY, Assistant Professor of Biology (1993)

B.S., Milligan College; Ph.D., University of California at Los Angeles.

PHILIP D. KENNESON, Assistant Professor of Theology and Philosophy (1992)

B.A., Butler University; M.Div., Emmanuel School of Religion; Ph.D., Duke University.

LINDA WILLIAMS KING, Assistant Professor of Health and Physical Education (1983)

B.A., Wittenberg University; M.Ed., Xavier University.

ROBERT L. MAHAN, JR., Assistant Professor of Accounting (1988)

B.B.A., Grand Valley State College; M.Acc., University of Georgia, Certified Public Accountant.

TERRY L. MATTINGLY, Assistant Professor of Communications (1993)

B.A., M.A., Baylor University; M.S., University of Illinois-Urbana/Champaign.

LORETTA M. NITSCHKE, Assistant Professor of Business Administration (1986)

B.S., University of Kansas; M.B.A., East Tennessee State University; Babson College; Simmons College.

BILLIE B. OAKES, Assistant Professor of Library and Reference Librarian (1980)

B.S., Milligan College; M.S.L.S., Eastern Illinois University; East Tennessee State University; Kansas State University; University of South Florida.

NANCY S. ROSS, Assistant Professor of Developmental Studies (1990)

B.A., Milligan College; M.Ed., East Tennessee State University.

New Faculty

The following will be joining the faculty for the 1994-95 year:

RICH AUBREY, Assistant Professor of Teacher Education and Women's Basketball Coach
B.A., M.Ed., Milligan College; East Tennessee State University.

RUBYE W. BECK, Assistant Professor of Sociology

B.A., Lambuth College; M.A., Memphis State University; Ph.D. University of Florida.

MELINDA COLLINS, Assistant Professor of Nursing

M.S., Vanderbilt University.

KATHERINE ELIZABETH DIBBLE, Assistant Professor of Nursing

B.S., Kansas State University; M.A., East Tennessee State University; M.S., University of Virginia.

WILLIAM GREER, Assistant Professor of Economics and Business

B.A., Milligan College; M.B.A., East Tennessee State University.

ROSEMARIE SHIELDS, Assistant Professor of Humanities

B.A., Milligan College; M.A., Illinois State University.

TOM STAMPFLI, Assistant Professor of Music

B.M., M.M., Texas Tech University; University of Oklahoma.

Support Personnel

ELISA BEYERS, Admissions Counselor

TRACY N. BOOTHE, Admissions
Counselor

JANE CAMPBELL, Manager of General
Accounting and Student Accounts

BETTY CARTER, Admissions Office
Manager

DUSTY GARISON, General Manager,
WZMC

TERESA GARLAND, Administrative
Assistant for Donor Relations

CHRIS HASKINS, Computer Network
Manager

DEBORAH HILL, Office Manager for Adult
Education Programs

JEAN F. LEGGETT, Administrative
Assistant to the President

V. JUNE LEONARD, Library Technical
Services Manager

RUTH LOVING, Administrative Assistant
to the Vice President for Academic Af-
fairs and Dean

CORT MILLS, Assistant Director of Adult
Education Programs

JEAN MULLINS, Student Union Manager

TOMMY OAKS, Campus Minister

JONATHAN ROBINSON, Bookstore
Manager

NANCIE ROGERS, Scholarship Program
Coordinator and Faculty Office Building
Secretary

CARRIE SPURGIN, Admissions Counselor

GARY ALAN TAYLOR, Admissions
Counselor

JEN WISDOM, Admissions Counselor

Athletic Coaches

Athletic Director - Duard Walker

Baseball - Douglas Jennett

Basketball (Men's) -

Basketball (Women's) - Rich Aubrey

Golf -

Soccer - Juan Chiu

Softball - Wes Holly

Tennis (Men's) - Duard Walker

Tennis (Women's) - Rich Aubrey

Volleyball - Linda King

Faculty Associates

Because Milligan College wishes to continue its relationship to those who have given unusual service as faculty or administrators, special status has been conferred on the following individuals who are no longer serving in a full-time capacity.

ROWENA BOWERS, Associate Professor
Emeritus of Health and Physical Education (1958)

ANNA MAY CROWDER, Assistant Professor
Emeritus of English (1965)

ROBERT O. FIFE, Professor-at-Large
(1954)

PHYLLIS DAMPIER FONTAINE, Registrar
Emeritus (1963)

HOWARD A. HAYES, Professor Emeritus
of Bible (1967)

W. DENNIS HELSABECK, Professor
Emeritus of Counseling (1963)

JUANITA JONES, Associate Professor
Emeritus of English (1968)

VIRGINIA LAWS, Assistant Professor
Emeritus of Secretarial Science (1974)

JOHN W. NETH, Director Emeritus of the
P.H. Welshimer Library (1953-59, 1962)

EUEL J. OWNBY, Associate Professor
Emeritus of Education (1961)

JAMES L. SHIELDS, Professor Emeritus of
Education (1959)

LONE L. SISK, Professor Emeritus of
Chemistry (1948)

EARL STUCKENBRUCK, Associate Professor
Emeritus of Bible (1951-52, 1968)

HENRY E. WEBB, Dean E. Walker Professor
Emeritus of Church History (1950)

C. ROBERT WETZEL, Professor-at-Large
(1961)

ENDOWMENT FUNDS OF MILLIGAN COLLEGE

Milligan College is a church-related, liberal arts college dedicated to high scholarship and Christian character. It receives its income from endowments, gifts, and student fees. It is not a tax-supported school.

The following Endowment Funds, Trust Funds, and Memorial Funds have been established in Milligan College.

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The Anglin Fund
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The Dr. H. O. Bolling Memorial Fund
The Dr. Joe P. McCormick Memorial Fund
The Kathleen Adams Bowman Memorial Fund
The John E. McMahan Memorial Fund
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The Arthur H. and Marguerite Miller Memorial Fund
The Horace E. and Mary Surepta Burnham Memorial Fund
The Kelton Todd Miller Memorial Fund
The Dr. Charles E. and Florence A. Burns Memorial Fund
The Milligan College Memorial Fund
The Dimple Hart Memorial Fund
The Willard and Lucille Millsaps Memorial Fund
The Asa F. and Marguerite Cochrane Memorial Fund
The Carl C. Monin Memorial Fund
The Samuel Compton Memorial Fund
The Mrs. Irene Scoville "Mom" Nice Memorial Fund
The Edith B. Cottrell Memorial Fund
The Guy and Rhea Oakes Memorial Fund
The Joseph R. Crandall Memorial Fund
The Clarence and Violet Helen Overman Memorial Fund
The Adam B. Crouch Memorial Fund
The John C. Paty, Sr. Memorial Fund
The A. B. Culbertson Memorial Fund
The T. W. Phillips Memorial Fund
The Dr. Joseph H. Dampier Memorial Fund

The Claude Prince Memorial Fund
The George E. Davis Memorial Fund
The Mr. and Mrs. Fred Profitt Memorial Fund
The Oliver C. Davis Memorial Fund
The James W. Pruitt Memorial Fund
The Derthick Memorial Fund
The Edgar Randolph Memorial Fund
The Milton Edward Memorial Fund
The Clyde Ratliff Memorial Fund
The Virginia Burns Elder Memorial Fund
The Raymond R. Roach Memorial Fund
The Abe Ellis Memorial Fund
The Donald G. Sahli Memorial Fund
The Helen and Harold Eswine Memorial Fund
The Harold W. Scott Memorial Fund
The Mr. Paul O. George Memorial Fund
The Dora D. and Nat D. Shoun Memorial Fund
The Rev. J. E. Gordon Memorial Fund
The Clyde and Hassie Ann Smith Memorial Fund
The T. Jayne Gressel Memorial Fund
The Harry A. Smith Memorial Fund
The W. Chamberlain Hale Memorial Fund
The Herschell J. Springfield Memorial Fund
The Ada Bess Hart Memorial Fund
The Roy G. True Memorial Fund
The Drs. John M. and Hettie Pearl Langdon Hart Memorial Fund
The Edgar Ralph Turner Memorial Fund
The D. Kemper Helsabeck Memorial Fund
The Frank and Janie Von Cannon Memorial Fund
The Hopwood Memorial Fund
The Aylette Rains Van Hook Memorial Fund
The Rondah Y. Hyder Memorial Fund
The Mrs. William Butler Van Hook Memorial Fund
The Sam Jack and Mary Ellen Hyder Memorial Fund
The Dr. Dean E. Walker Memorial Fund
The Ivor Jones Memorial Fund
The Dorothy S. Wilson Memorial Fund
The Alfred Keefauver Memorial Fund
The Wiley Wilson Memorial Fund

MEMORIAL SCHOLARSHIP FUNDS

The Thomas A. Barnard, Sr. Memorial Scholarship Fund
The Donald Bush Memorial Scholarship Fund
The Patricia Huffine Memorial Scholarship Fund
The Leonidas W. and Mary Hardin McCown Memorial Scholarship Fund
The Martin Luther Roark Memorial Scholarship Fund

SCHOLARSHIP FUNDS

The Birdy Black Scholarship Fund
The Kate Rice Blankenship Scholarship Fund
The Mr. and Mrs. Floyd L. Broyles Scholarship Fund
The Sam Carbtrees Scholarship Fund
The Davidson Scholarship Fund
The Mr. and Mrs. Thruman C. Earon Scholarship Fund
The Daisy and Fred Hayden Scholarship Fund
The Lula Kilday Scholarship Fund
The Steve Lacy Scholarship Fund
The Joan Millar Scholarship Fund
The Richard Millsaps Scholarship Fund
The W. Hobart and Myra Millsaps Scholarship Fund
The Sarah Morrison Scholarship Fund
The Navy V-12 Scholarship Fund
The W. V. Ramsey -- Minister's Scholarship Fund
The Philip Scharfstein Scholarship Fund
The Ralph Small Scholarship Fund
The Irene Spahr Scholarship Fund
The Ralph Speas Scholarship Fund
The W. B. Stump Scholarship Fund
The Virginia Gardens Christian Church Scholarship Fund

It is hoped that through the years many other funds may be established. Anyone wishing to establish such a fund should write to the President of the College.

Endowed Chairs

Some groups or individuals have chosen to make a single major gift to the College which would endow a chair to honor a specific individual. Those who have participated in this program are:

First Christian Church, Chicago, Illinois--THE DEAN E. WALKER CHAIR OF CHURCH HISTORY

First Christian Church, Erwin, Tennessee--THE FRANK H. KNIGHT CHAIR OF ECONOMICS AND BUSINESS--Professor Eugene P. Price

Mr. and Mrs. Joel Stephens--THE JOEL O. AND MABEL STEPHENS CHAIR OF BIBLE--Professor William C. Gwaltney, Jr.

Mrs. Jeanne Starkey--THE KENNETH E. STARKEY CHAIR OF BIBLE AND CHRISTIAN MINISTRIES--Associate Professor R. David Roberts

Churches or individuals desiring information concerning these programs may write to the President of the College.

MILLIGAN COLLEGE CAMPUS



Key

- | | |
|-----------------------------|----------------------------------|
| 1. Anglin Field - Baseball | 16. Music Practice House |
| 2. Anglin Field - Soccer | 17. Not Used |
| 3. Anglin Field - Softball | 18. Paxson Communications Center |
| 4. Not Used | 19. Physical Plant |
| 5. Derthick Hall | 20. Post Office |
| 6. Faculty Office Building | 21. Radio Station |
| 7. Hardin Hall | 22. Kegley Hall |
| 8. Hart Hall | 23. Quillen Hall |
| 9. Hopwood Memorial Church | 24. Science Building |
| 10. Hyder House | 25. Seeger Chapel |
| 11. Lacy Field House | 26. Sutton Hall |
| 12. Little Hartland | 27. Tennis Courts |
| 13. Married Student Housing | 28. Webb Hall |
| 14. McCown Cottage | 29. Welshimer Library |
| 15. McMahan Student Center | 30. Williams Hall |

MILLIGAN COLLEGE CALENDAR

Summer Session, 1994

Registration	June 6
First Term Classes	June 6 - July 6
Second Term Classes	July 7 - August 5
Baccalaureate and Commencement	August 7

Fall Semester, 1994

Dorms Open to New Students	August 20
Conference for Parents of New Students	August 20
New Student Orientation	August 20 - 23
Faculty Conference	August 22
Dorms Open to Upperclassmen	August 21
Advising and Registration	August 22-23
Classes Begin	August 24
Matriculation	August 25
Fall Break	Midnight, October 12 to 8:00 a.m., October 18
Thanksgiving Holiday	Midnight, November 22 to 8:00 a.m., November 28
Last Day of Classes	December 9
Final Examinations	December 12 - 15

Spring Semester, 1995

New Student Orientation	January 8
Advising and Registration	January 9 - 10
Classes Begin	January 11
Spring Break	Midnight, March 10 to 8:00 a.m., March 20
Easter Break	Midnight, April 14 to 8:00 a.m., April 18
Awards Convocation	May 4
Last Day of Classes	May 5
Final Examinations	May 8 - 11
Baccalaureate and Commencement	May 14

Summer Session, 1995

Registration	June 5
First Term Classes	June 5 - July 5
Second Term Classes	July 6 - August 4
Baccalaureate and Commencement	August 6

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The information in this Catalog reflects the general nature and conditions concerning the programs and services of Milligan College in effect at this time. The College reserves the right to make changes (including changes in tuition and fees) after publication of the Catalog. Availability of faculty and student interest may also warrant changes in academic offerings.

Milligan College provides the opportunity for students to increase their knowledge by offering instruction in the various disciplines and programs through faculty who, in the opinion of Milligan College, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. As a result, Milligan College does not warrant or represent that any student who completes a course or program of study will necessarily acquire any specific knowledge, or skills, or will be able to successfully pass or complete any specific examination for any course, degree, or license.

In accordance with the Tennessee College and University Security Information Act of 1989, Milligan College has prepared a report containing campus security policies and procedures, data on campus crimes, and other related information. A free copy of this report may be obtained by any student, employee, or applicant for admission or employment from the Office of Student Development, Milligan College, Milligan College, TN 37682.

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